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**ONLINE CHAT APPLICATION**

BY

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**PROJECT GUIDE**

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**INDEX**

|  |  |  |
| --- | --- | --- |
| **Sr.No** | **Name** | **Page.No** |
| **1** | **INTRODUCTION** | **5** |
| 1.1 | Organizational Profile | 6 |
| 1.2 | Introduction about Project | 7 |
|  | Objective and Scope of the project | 7 |
|  | Theoretical Background | 8 |
|  | Definition of Problem | 9 |
| **2** | **SYSTEM STUDY AND ANALYSIS** | **10** |
| 2.1 | Problem Definition | 11 |
| 2.2 | Feasibility | 12 |
| 2.3 | System Analysis | 15 |
| 2.4 | Current System | 17 |
| 2.5 | Proposed System | 17 |
| **3** | **SYSTEM DEVELOPMENTS** | **19** |
| 3.1 | Gantt Chart | 20 |
| 3.2 | Event Table | 22 |
| 3.3 | E-R Diagram | 24 |
| 3.4 | Data Flow Diagrams | 27 |
| 3.4.1 | Context Diagram | 28 |
| 3.4.2 | Diagram 0 | 29 |
| 3.4.3 | DFD Fragments | 30 |
| 3.4.4 | Structure Chart | 31 |
| 3.4.4 | Use Case Diagram | 33 |
| 3.4.5 | Class Diagram | 36 |
| 3.4.6 | Menu Tree | 39 |
| **4** | **Program List** | **40** |
| **5** | **Table List** | **44** |
| **6** | **Report List** | **48** |
| **7** | **System Testing and Conclusion** | **50** |
| **8** | **Data Entry Form** | **56** |
| **9** | **Coding Conventions** | **59** |
| **10** | **Source Code** | **61** |
| **11** | **Screen Layouts with Test and Test Results** | **105** |
| **12** | **Report Layouts** | **115** |
| **13** | **References/Bibliography/Websites used** | **119** |

**1. INTRODUCTION**

**Organizational Profile**

Shree Guru Consultant Service is web design & web Development Company in Mumbai which not only cares your unique requirement but also understands your business process and commit to deliver high quality, cost effective solution of your needs.

Shree Guru Consultancy Services boomed in IT field in the year of 2012 specializes in Web Application Development, Web site Designs. We develop the high class product and cost effective solution to our clients. We focus on imparting quality product which geared towards fulfilling the clients demand.

**Organizational Speciality:**

This consultancy are totally engaged in providing software solutions like **Web Application Development, Website Design, E-commerce, Content Management System (CMS), Search Engine Optimization, Web Hosting and other web services.**

[SGCS](http://www.sgcsindia.com/about_us.htm) is professional Software Development Company which always dedicated to [Graphic Design](http://www.sgcsindia.com/portfolio.htm) and web application development with untouchable accuracy and consistency. [SGCS](http://www.sgcsindia.com/about_us.htm) has vast experience in [web design](http://www.sgcsindia.com/web_design.htm) and [web development](http://www.sgcsindia.com/software_development.htm) which offer the client high quality and cost effective development solutions for their business simplified.   
  
We consistently work around to understand clients business, complexity of client’s processes and also client’s requirement.

**Quality of Organization:**

* Dedication towards works
* 100% accuracy
* Clients satisfaction
* Reasonable pricing
* Talented professional team

**INTRODUCTION TO PROJECT**

**Objective:**

Communications over the network in one field where this tool finds wide ranging application. A chat application established a connection between two or more system connected over internet and 2 or more browser in same computer. This tool can be used for large scale communication or conferencing in an organization or campus of vast size, thus increasing the standard of co-operation. In addition it converts the complex concept of sockets in user friendly environment. This software can have further potentials, such as file transfer and voice chatting options that can be worked upon later.

**Scope:**

With the knowledge I have gained by developing this application, I am confident that in the future I can make the application more effectively by adding this services.

* Extending this application by providing authorization services.
* Creating Database and maintaining User.
* Increasing the effectiveness of the application by providing Voice Chat.
* Extending it to web support.

**Theoretica**l **Background**

**FRONT END:**

The programming has been done using the Asp.net/C#. C# is designed to be a simple, modern, general-purpose, object-oriented programming language, borrowing key concepts from several other languages, most notably Java. C# could theoretically be compiled to machine code, but in real life, it's always used in combination with the .NET framework. Therefore, applications written in C#, requires the .NET framework to be installed on the computer running the application. While the .NET framework makes it possible to use a wide range of languages, C# is sometimes referred to as THE .NET language, perhaps because it was designed together with the framework.

**BACK END:**

Microsoft SQL Server is one of the leading database management systems available on the market today. **Microsoft SQL Server** is a [relational database management system](http://en.wikipedia.org/wiki/Relational_database_management_system) developed by [Microsoft](http://en.wikipedia.org/wiki/Microsoft). As a database, it is a software product whose primary function is to store and retrieve data as requested by other software applications, be it those on the same computer or those running on another computer across a network (including the Internet).

**PLATFORM USE:**

The Online “TeamChat” application is targeted at Microsoft Windows Platform.

**Why Visual Basic?**

Two main reasons let me choose Visual Basic as the programming language for this project. The first is that Visual Basic 6 is Microsoft’s latest and greatest language for Visual programming. Although writing programs can be a tedious chore at times, Visual Basic reduces the effort required on your part and makes programming enjoyable. Visual Basic makes many aspects of programming as simple as dragging graphic objects onto the screen with your mouse.

The second reason which is the main one is that we are going to use a control called windows socket or WinSock as you will see in the following chapters, and this control is somehow has a low level interface. The only high level languages that deal with windows sockets is Visual Basic and Visual C++, and since Visual Basic is more easy to learn in small period of time than Visual C++, it was chosen to be the programming language.

**Definition Of Problem**

Currently the organization is using the manual communication method within the team members to communicate. Team members used to call or send messages through the phone. Or they arrange a meeting of the team members to communicate Telephone conferencing is also used by employees to establish a communication. . To solve all this organization requires very good software to take care of all these.

**SYSTEM STUDY AND ANALYSIS**

**2.1 Problem Definition**

The existing system is not relevant for daily use within the employees. To send a common message to all team members manually every team member should be connected with the team leader. The existing system is disturbing the work of employees.

Teams cannot take part in discussion and chat they are at different place like Kolkata, Delhi etc. More than one office employee can chat and cannot discuss on the issue simultaneously in real time.

2.2 FEASIBILITY STUDY

* Preliminary Investigation is the first phase in any system developing life cycle. The Feasibility Study is a major part of this phase.
* Feasibility Study means selecting the best system that meet the performance requirement.
* It is the measure of how beneficial or practical the development of an Information System would be to the organization.
* Our study of the feasible development of the software is going to be in terms of the following aspects:

Operational Feasibility:

* The system is easy to use and is very simple.
* The proposed system will cost no harm to the company; instead it will enhance the result in a better respect.
* The new system will avoid confusion and resistance by catching the user’s attention, as it is presentable.
* People are inherently resistant to change and computer has been known to facilitate changes.
* An estimate should be made of how strong the user is likely to move towards the development of computerized system.
* These are various levels of users in order to ensure proper authentication and authorization and security of sensitive data of the organization

**Economic Feasibility:**

1. Development Cost:

* Equipment’s required for developing the software are easily available.
* Equipment maintenance is also minimum.
* Saving of paper work and manpower reduced.
* Once the required hardware and software requirements get fulfilled there is no need for the user of our system to spend for any additional overhead.
* Training cost is reduced.

2. Benefits which cannot be measured:

* Increased customer Loyalty
* Increased customer satisfaction

Technical Feasibility:

At first it is necessary to check that the proposed system is technically feasible or not and to determine the technology and skill necessary to carry out the project. If they are not available then find out the solution to obtain them. Hardware is already available in the college.

Technical feasibility centers on the existing manual system of the test management process and to what extent it can support the system.

**Social feasibility:**

Although generally there is always resistance, initially to any change in the system is aimed at relieving the workload of the users to extent the system is going to facilitate user to perform operations like calculating salary amounts and deductions, generating the reports using data reports with less possible errors. Thus there is no reason to make system socially unfeasible

**2.3 SYSTEN ANALYSIS**

Here detailed analysis study of the system is conducted. What is the information flow? What is the fact finding technique? etc. all these are studied an analyzed.

**System Specification Requirement Of The System :**

System analysis is a detailed understanding of the various operations performed by the system as well as their relationship with in and outside the system.

**FACT FINDING TECHNIQUES :**

* What is the Basic Requirement of new system?
* How should a system work or flow?
* Whether you keep record and reports
* What is Requirement to Data-Entry?
* Study of the working of the current system which is done manually.
* Recording the current system drawbacks.
* Analysis of the formats of the reports.

### Events:

An event occurs at a specific time & place, that can be described & is worth remembered by the system. Events drive or trigger all processing that a system does, so listing them & then analyzing them make sense when you need to define system requirements.

External Events:

An event that occurs outside the system usually initiated by an external agent or actor.

Temporal Event:

An event that occurs as a result of reaching a point in time.

**2.4 CURRENT SYSTEM**

Currently the organization is using the manual communication method within the team members to communicate. Team members used to call or send messages through the phone. Or they arrange a meeting of the team members to communicate Telephone conferencing is also used by employees to establish a communication. . To solve all this organization requires very good software to take care of all these.

**2.5 PROPOSED SYSTEM**

* “TeamChat” is a complete web application in which the team members communicate through a web browser.
* Proposed system will allow team members to communicate irrespective of time and location etc.
* All the members of the team will have a unique id and password to join the conversation.
* System will show the team name and connected members.
* There are no needs to remember the discussion point’s user can check the conversation history anytime by just login to website.
* User can put her/his name and a status of his/her own.
* User can see the stats of others
* User can search the other members
* User can create a team
* Other can join this team
* There are option to change the team
* All conversation from all the members will display on the single screen so that an exact scenario will simply understood
* There will be an administrator control
* New user can be added
* Account profile can be updated
* Reduce the time of employees to given for manually discussion
* TeamChat App will make an entertaining environment for team members.

**3.SYSTEM DEVELOPMENT**

**3.1 GANTT CHART**

A Gantt chart, commonly used in project management, is one of the most popular and useful ways of showing activities (tasks or events) displayed against time. On the left of the chart is a list of the activities and along the top is a suitable time scale. Each activity is represented by a bar; the position and length of the bar reflects the start date, duration and end date of the activity. This allows you to see at a glance:

* What the various activities are
* When each activity begins and ends
* How long each activity is scheduled to last
* Where activities overlap with other activities, and by how much
* The start and end date of the whole project

To summarize, a Gantt chart shows you what has to be done (the activities) and when (the schedule).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 01-01-15  To  10-01-15 | 11-01-15  To  23-01-15 | 24-01-15  To  07-02-15 | 08-02-15  To  25-02-15 | 26-02-15  To  09-03-15 | 10-03-15  To  16-03-15 |
| Requirement |  |  |  |  |  |  |
| Planning |  |  |  |  |  |  |
| Design |  |  |  |  |  |  |
| Coding |  |  |  |  |  |  |
| Testing |  |  |  |  |  |  |
| Implementation |  |  |  |  |  |  |

3.2 EVENT TABLE

A table that lists events in rows & key pieces of information about each event in columns.

An event table comprises of rows and columns.

Each row in the event table records information about one event

And each column about its key piece of information about that event

**EVENT:**

An occurrence at a specific time and place, that can be described and is worth remembering. It is used in system analysis and designing.

**TRIGGER:**

An occurrence that tells the system that an event has occurred, either the arrival of data needing processing or of point in time.

**SOURCE**:-

An external agent or actor that supplies data to the system.

**ACTIVITY**:-

Behavior that the system performs when an event occurs.

**RESPONSE**:-

An output, produce by the system that goes to the system.

**DESTINATION**:-

An external agent or actor that receives data from the system.

EVENT TABLE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Event** | **Trigger** | **Source** | **Activity** | **Response** | **Destination** |
| Login Succeeded | Login | User | Authenticate user | Authentication Done | Server |
| Search | Enter user name | Sender | Record exist or not | Display record | Server |
| Create team | Enter team name | User | Creating team | Team created or not | Server |
| Post updating | Post update | User | Update post | Posted | Server |
| Security | Change password | User | Updating security info | updated | server |
| Sending messages | chatting | User | Chatting with members | Message sent | server |

**3.3 ENTITY-RELATIONSHIP DIAGRAM**

The entity – relationship (ER) data model allows us to describe the data involved in a real world enterprise in terms of object and their relationships and is widely used to develop an initial database design.

The ER model is important primarily for its role in database design. It provides useful concepts that allow us to move from an informal description of what users want from their database to a more detailed and precise description that can be implemented in a DBMS. The ER model is used in a phase called “Conceptual Database Design”. It should be noted that many variations of ER diagrams are in use and no widely accepted standards prevail.

ER modeling is something regarded as a complete approach to design a logical database schema. This is incorrect because the ER diagram is just an approximate description of data, constructed through a very subjective evaluation of the information collected during requirements analysis.

**Entity:**

An entity is an object in the real world that is distinguishable from other objects. Examples include the following: The C++ language, the address of the manager of the institution. It is often useful to identify a collection of similar entities. Such a collection is called as “Entity set”. Note that entity set need not be disjoint.

**Attributes:**

An entity is described using a set of attributes. All entities in a given entity set have the same attributes; this essentially what we mean by similar. Our choice of attributed reflects the level of detail at which we wish to represent information in crisis.

**Domain:**

For each attribute associated with an entity set, we must identify a domain of possible values. For e.g. the domain associated with the attribute name of the student might be of the set of 20-character string. Another example would be the ranking of the students in the institute would be on the scale of 1-6, the associated domain consists of integers 1 through 6.

**Key:**

Further, for each entity set we choose a key. A key is a minimal set of attributed whose values uniquely identify an entity in the set. There could be more than one candidate; if so we designate one of them as primary key. For now we will assume that each entity set contains at least one set of attributes that uniquely identify an entity in the entity set; that is the set of attributes contains a key.

**SYMBOLS USED FOR ERD:**

ENTITY SET

PROCESS

LINK ATTRIBUTE TO ENTITY SET AND ENTITY SET TO RELATIONSHIPSET

**Entity-Relationship Diagram**

System

Member

Maintain

Team

Maintain

Team Chat

Chat

Start

User

Login

User

Register

**3.4 Data Flow Diagram**

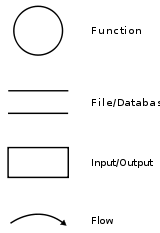
A Data Flow Diagram (DFD) is a diagrammatic representation of the information flows within a system, showing:

* how information enters and leaves the system,
* what changes the information,
* Where information is stored.

A data flow shows the flow of data from a source to a destination. The flow is shown as an arrowed line with the arrowhead showing the direction of flow. Each data flow should be uniquely identified by a meaningful descriptive name.

Here shows the registration, sign up process and the actual chat system.

**Data flow diagram notation:**

[](http://en.wikipedia.org/wiki/File:Data-flow-diagram-notation.svg)

**4.1 Context Diagram**

**MANAGE**

**USERS**

**CHAT MANAGEMENT**

**MANAGE**

**GROUPS**

**RECORD**

**3.4.2 Diagram0**

LOGIN

USER

REGISTER

MAINTAIN GROUP

CHAT

**Data Flow Diagram**

Access granted

Admin

User

Request for Login

Server

Server

**3.4.2 Structure Chart**

## Purpose:

At its core, the purpose of a structure chart is to provide a basic, graphical representation of a more complicated organization or process.

It shows the structure of whole system including admin, users and whatever elements in that application or presentation.

Here show the structure of system of online team chat and task perform by that specific element.

* Describes functions and sub-functions of each part of system
* Shows relationships between modules of a computer program
* Simple and direct organization
  + Each module performs a specific function
  + Each layer in a program performs specific activities
* Chart is tree-like with root module and branches

**Structure Chart**

Offline Member

Online Member

Message

Chat

User

Team

Status Update

Manage Team

Chat

Manages Details

Admin

System

Update Post

Update Registration

Admin

Logout

**USE CASE DIAGRAM**

Use Case Diagram is used to identify the “uses” or use cases of the new system in other words, to identify how the system will be used .The Use Case Diagram is essentially an extension of the Event Table.

**USE CASE:**

It describes an activity the system carries out in response to an event.

**ACTOR:**

In UML, the person involved is called an Actor. An Actor is always outside of the Automation Boundary of the system.

**CONNECTING LINE:**

The arrow is used to show which Actors participate in which Use cases.

**USE CASE DIAGRAM NOTATIONS:**

Automation Boundary

Use Case

Use Case

Connecting Line

Actor

**DESCRIPTION:**

The Object Oriented approach uses the term use case to describe an activity the system carries out in response to an event. One can think of a use case as a case or situation where the system is used for some purpose .A use case diagram is a convenient way to document the functions that the system must support. Sometimes a single, comprehensive diagram is used to describe the entire system. At other times, a set of smaller use case diagrams make up the use case model.

**USE CASE SCENARIO:**

**TEAM MEMBER SUBSYSTEM:**

A User can register for the chat application

A registered user can login with its unique username and password to login

User can view status of all

User can create, modify and delete groups and add or remove members in group

**ADMIN SUB SYSTEM:**

Admin can view the reports.

Admin can view the status of users who is logged in.

USE CASE DIAGRAM

ADMIN

USER

CLASS DIAGRAM

CLASS DIAGRAM:

The Class diagrams are used to identify and classify the objects which constitute a system. It also includes the important attributes of the objects which must be captured.

CLASS:

It is a collection of objects of same type.

RELATIONSHIP:

A naturally occurring association among specific things.

CLASS DIAGRAM NOTATIONS:

In Class diagram, rectangles represent Class and the lines connecting the rectangle show the relationships among Classes.

CLASS NAME

IMPORTANT CLASS METHODS

ATTRIBUTES OF CLASS

**DESCRIPTION**:

It is a model which is used to show the classes constituting a system and their interrelationships .It is based on UML (Unified Modeling Language). Only the important attributes and methods are shown in Class Diagrams. In the initial period of analysis, the

Important attributes of the classes, which must be captured and the functionalities provided by the class may not be very clear. As the analysis progresses, the attributes and methods may be added. If more focus is on interrelationships of classes, then the attributes and methods may not be shown in the class diagram.

Class Diagram:

User

Username; varchar

Password; varchar

Email; varchar

Login();

Register();

Chat();

Message();

Status update();

1

\*

\*

\*

\*

1

Admin

Username;

Password;

Email;

Manage();

Chat

Send msg();

Receive msg();

Login()

Team

Name: string

Member ();

Chat ();

1

**3.4.5 MENU TREE**

The tree diagram starts with one item that branches into two or more, each of which branch into two or more, and so on. It looks like a tree, with trunk and multiple branches.

1. It is used to break down broad categories into finer and finer levels of detail. Developing the tree diagram helps you move your thinking step by step from generalities to specifics.

Password

Update

Sharing Post

Chat Status

Admin Post

Account

Profile

Dashboard

Home

User

System

**4 .PROGRAM LIST**

Program Description with Naming Convention

**Login:**

Login form is a Login.aspx page of the website. It allows only registered user can proceed for home page

**Join:**

Registration form is on Registration.aspx. Where a user register them.

**About:**

This page is static and gives the details about application.

**Tour:**

This is static page and gives instructions to use teamChat.

**Home:**

This page will appear for all register users.

This is the page where user can chat and create join teams.

**Dashboard:**

User can view all the status of users and admin message.

**Account:**

This section will allow users to change password.

**Profile:**

This page will allow users to post their status.

**Admin:**

This page is for admin.

LOGIN

|  |  |
| --- | --- |
| txtUserName | This textbox is used to take username. |
| txtPassword | This textbox is used to take password. |
| btnSignIn | This button is used for login. |

JOIN

|  |  |
| --- | --- |
| txtUserName | This textbox is used to take username. |
| txtPassword | This textbox is used to take password. |
| TxtEmail | This textbox is used to take Email id |
| btnSignUn | This button is used for Sign Up. |

HOME

|  |  |
| --- | --- |
| txtSearchBox | This textbox is used to take username for search |
| txtMessage | This textbox is used to take message string from user |
| txtNewTeam | This textbox is used to takenew team name |
| btnNewTeam | This button is used for creating new teams |
| Button3 | This button is used for sending message |
| Button2 | This button is used for joining the team |
| btnLogout | This button is used for getting sign out |
| btnSearch | This button is used for searching the user name |

PROFILE

|  |  |
| --- | --- |
| TxtPost | This textbox is used to take username. |
| Button1 | This button is used to post the status |

ACCOUNT

|  |  |
| --- | --- |
| txtCurrPassword | This textbox is used to take current password. |
| txtNewPassword | This textbox is used to take new password. |
| txtConfirmPassword | This textbox is used to take new password again. |
| Button1 | This button is used to update password |

ADMIN

|  |  |
| --- | --- |
| txtAdminPost | This textbox is used to take post data. |
| btnAdminPost | This button is used to post |
| btnAdminLogout | This button is used to logout from admin page |

**5 Table List**

LIST OF TABLES

* + - * tblAccount
      * tblPost
      * tblChat
      * tblAdminPost

**TABLE DESIGN**

**1.tblAccount**

This table stores information of all users

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Field name | Data type | Constrains |
| 1 | UserName | Varchar(50) | Allow null |
| 2 | Password | Varchar(50) | Allow null |
| 3 | Email | Varchar(50) | Allow null |

**2.tblChat**

This table stores information of chat

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Field name | Data type | Constrains |
| 1 | teamName | Varchar (50) | Allow null |
| 2 | Users | Varchar (50) | Allow null |
| 3 | chatText | Varchar (MAX) | Allow null |

**3.tblPosts**

This table stores information of all user’s post with their name

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Field name | Data type | Constrains |
| 1 | User | Varchar (50) | Allow null |
| 2 | Post | Varchar (MAX) | Allow null |

**4.tblAdminPost**

This table stores information of all users

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Field name | Data type | Constrains |
| 1 | AdminPost | Varchar (MAX) | Allow null |

**6 Report List**

|  |  |  |
| --- | --- | --- |
| **REPORT TITLE** | **DESCRIPTION** | **REPORT NAME** |
| USER List | List all the user entered or login in database. | USER |
| Login List | List the username of all the users. | Login |
| Settings | List the settings for application | Settings |
| Chat List | Show the Chat List for group chat | Chat |

**7. System Testing and Conclusion**

**System Testing:**

Software testing is a crucial element of software quality assurance and represents the unlimited review of specification, design and coding. Testing represents an interesting anomaly for the software. During earlier definition and development phases, it was attempted to build software from an abstract concept to a tangible implementation. The testing phase is responsible for ensuring that the system performs the way that the detailed design documentation specifies. Testing involves testing of developed system using various test data. Preparation of the test data plays a vital role in system testing. After preparing the test data, the system under study was tested using those test data. During this stage, the errors are detected and corrected.

Thus a series of tests were performed for the proposed system before the system was ready for implementation. The various types of testing done on the system are:

* Unit testing
* System testing
* Validation testing
* Output testing
* White box testing
* Black box testing

**Unit Testing**

Unit testing focuses verification effort on the smallest unit of software design, module. This testing was carried out during the coding itself. In this testing step, each module is found to be working satisfactorily as per the expected output from the module.

**System Testing**

The next level of testing is system testing where the system analyst tests all of the components to see that they interact correctly when combined as a system. A series of testing are performed for the newly developed system before the system is ready for user acceptance testing.

**Validation Testing**

Validation succeeds when the software functions in a manner that is reasonably expected by the customer. Software validation is achieved through a series of black box test that demonstrate conformity with the requirements. Deviations or errors at this step are corrected.

**Output Testing**

The output generated by the system under consideration is in the format required by the user and the information in the reports is accurate. It is possible to generate timely reports without any errors.

**User Acceptance Testing**

User acceptance of a system is a key factor for the success of any system. The system under consideration was tested for user acceptance by constantly keeping in touch with prospective system users at the time of developing and making changes wherever required.

**White-Box Testing:**

White-box testing , sometimes called *glass box testing* or *code testing*, is a test case design method that uses the control structure of the procedural design to derive test cases.

Using white box testing methods, the software engineer can derive test cases that

1. Guarantee that all independent paths within a module have been exercised at least once
2. Exercise all logical decisions on their true or false sides
3. Execute all loops at their true boundaries and within their operational bounds
4. Exercise internal data structures to ensure their validity

Even though white box testing seems to be an ideal method for testing, it does not guarantee failures from faulty dat. Secondly it is difficult to conduct such extensive and exhaustive testing in large organizations.

**Black-box testing:**

In this method the analyst examines the specifications to see what the program must do under various conditions. Test cases are then developed for a condition or a combination of conditions and submitted for processing. By examining the results the analyst can determine if the specified requirements are satisfy.

**TEST CASES:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** |
| 01 | Enter Login ID & Password | Enter Correct Login ID & Password | It Should Accept & Open Next Form | It Accept & Open Next Form |
| 02 | Enter Login ID & Password | Enter Incorrect Login ID & Password | It Should Display An Error Message Box | It Display An Error Message Box |
| 03 | Enter Value For Name Field | Enter correct value | It should accept and Login  Successful | Login Successful |
| 04 | Enter Value For Name Field | Enter incorrect value | It Should Display An Error Message | It Display An Error Message |
| 05 | Enter value in every field | Enter correct value in every field | It Should Accept and proceed | It Accept and Proceed. |
| 06 | Enter value in every field | Enter incorrect value in every field | Display An Error Message Box | It Display An Error Message Box |

**CONCLUSION:**

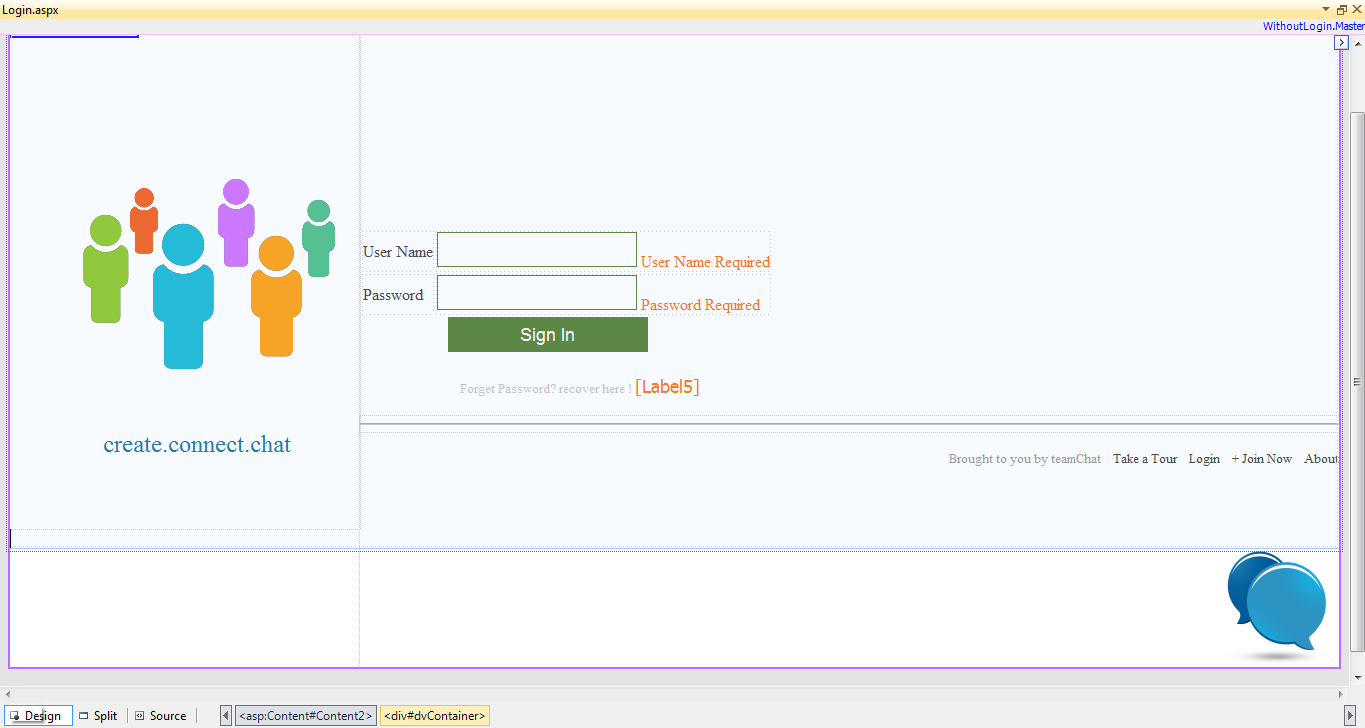
The “Online TeamChat Application” has been developed to satisfy the need for user and entertainment purpose. The entire system is menu driven and highly interactive.

The system provides maximum flexibility to the user. All validity checks are taken care by the system during data entry. The timely and well-designed reports helped the management to make critical decisions in time. The actual user of the system is very much pleased by its efficient performance and the user of the package have extremely reduces duplication of words.

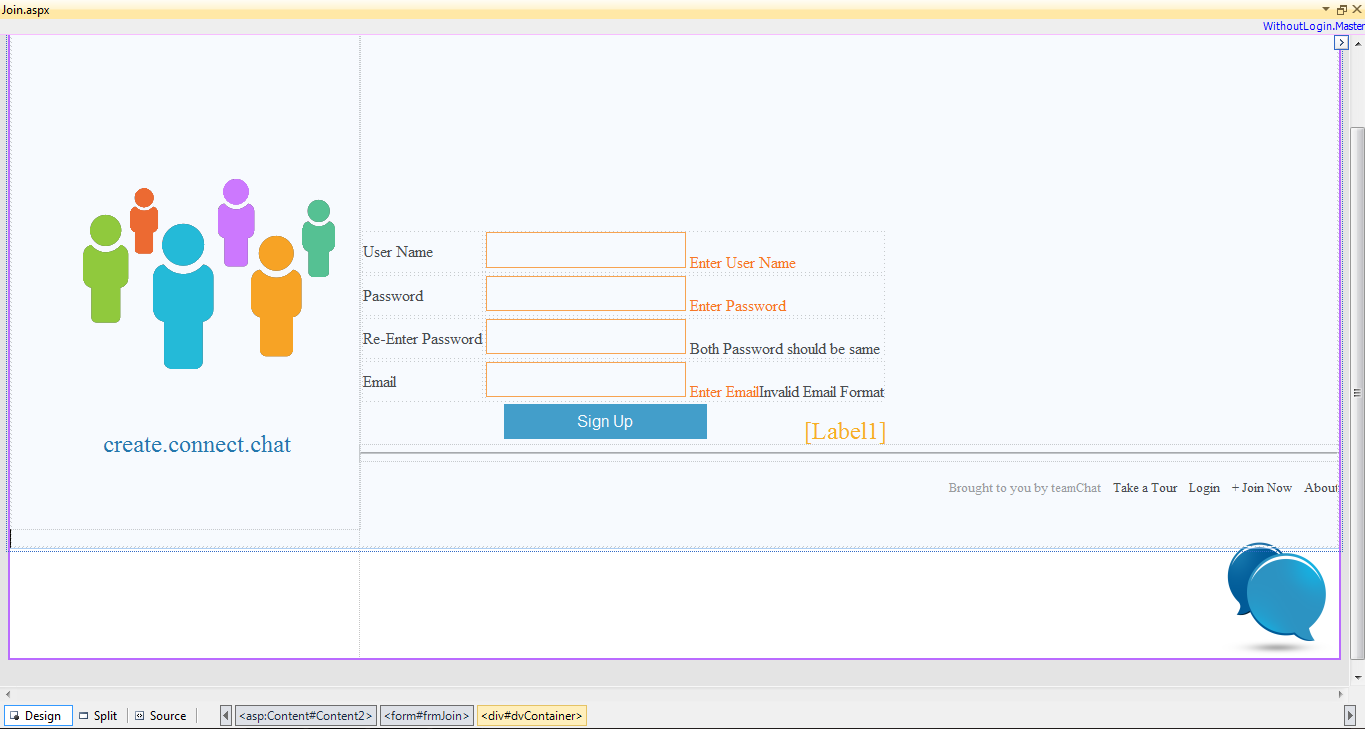
Since the requirements may increase in future, the system can be easily modified accordingly, as the system has been modularized. The future expansion can be done in a concise manner in order to improve the efficiency of the system.

**8 Data Entry Form**

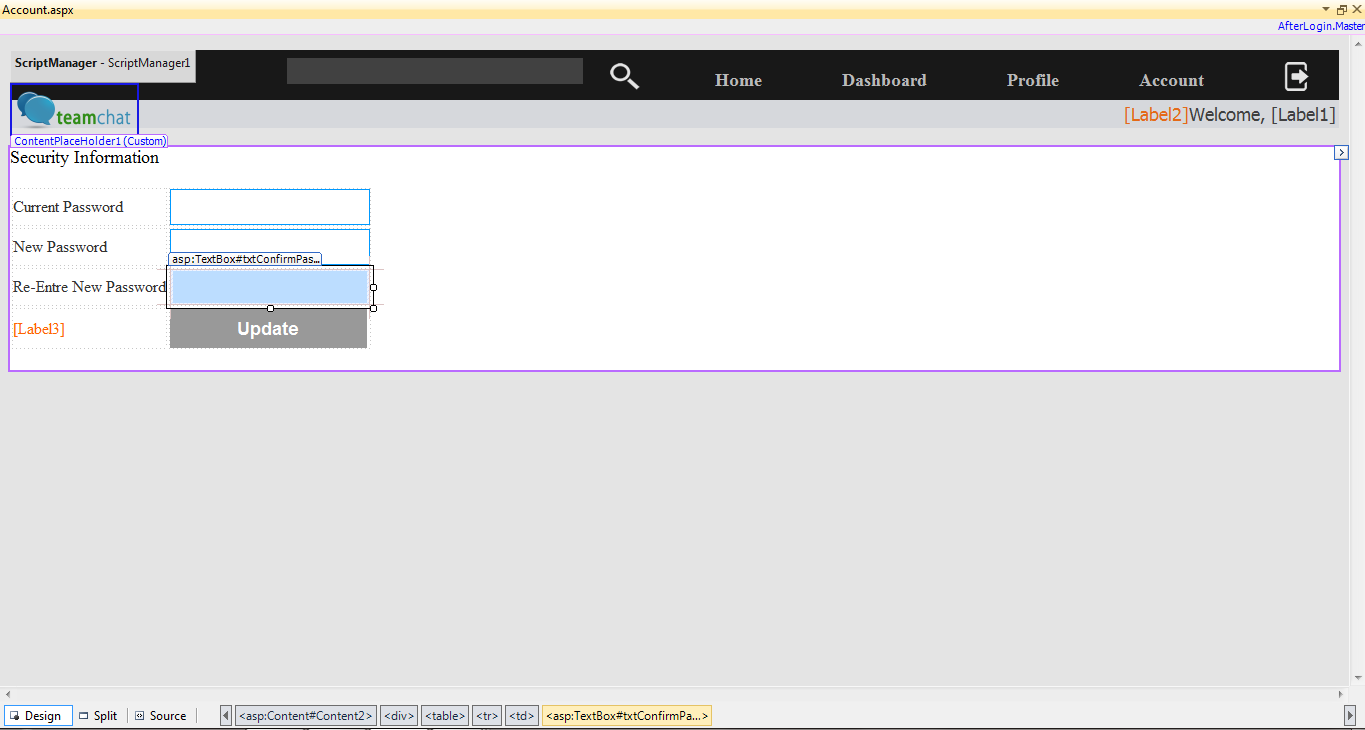
**1.Login Form:**

****

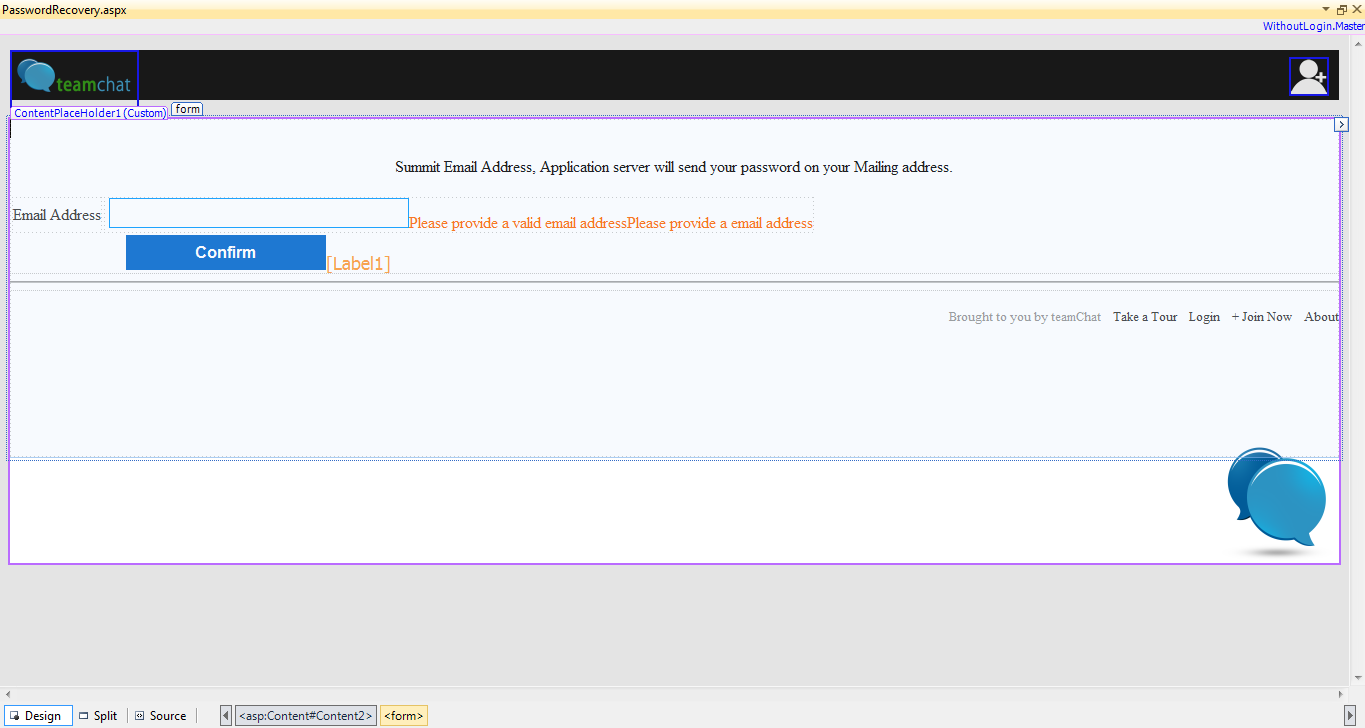
**2.Join Form:**

****

**3. Account:**

****

**5.Password Recovery:**

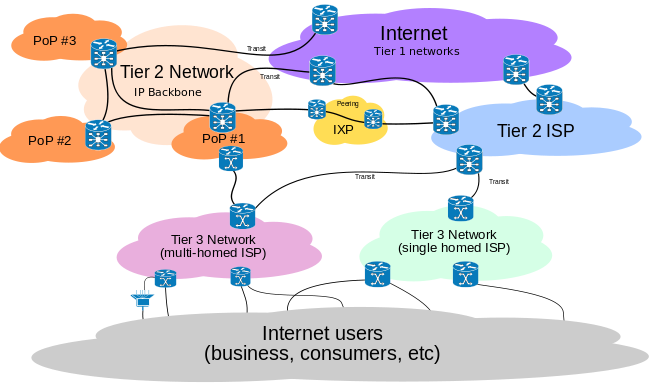
****

**9 Coding Conventions**

**2 TIER DESIGN PATTERN:**

A **Tier 2 Network** is an [Internet service provider](http://en.wikipedia.org/wiki/Internet_service_provider) who engages in the practice of [peering](http://en.wikipedia.org/wiki/Peering) with other networks, but who still purchases [IP transit](http://en.wikipedia.org/wiki/IP_transit) to reach some portion of the Internet.

Tier 2 providers are the most common providers on the [Internet](http://en.wikipedia.org/wiki/Internet) as it is much easier to purchase [transit](http://en.wikipedia.org/wiki/IP_Transit_(Internet)) from a [Tier 1 network](http://en.wikipedia.org/wiki/Tier_1_network) than it is to peer with them and then attempt to push into becoming a Tier 1 carrier.

[](http://en.wikipedia.org/wiki/File:Internet_Connectivity_Distribution_&_Core.svg)

**Advantage of 2 Tiers:**

1. Fast application development time
2. Available tools are robust and lend themselves to fast prototyping to insure user needs a met accurately and completely.
3. Conducive to environments with homogeneous clients, homogeneous applications, and static business rules.
4. You can an application’s entire code by looking in just your forms.

**10 Source Code**

Login.aspx

<%@PageTitle=""Language="C#"MasterPageFile="~/Account/WithoutLogin.Master"AutoEventWireup="true"CodeBehind="Login.aspx.cs"Inherits="teamChatProject.Account.Login"%>

<asp:ContentID="Content1"ContentPlaceHolderID="head"runat="server">

<styletype="text/css">

.btn

{}

</style>

<scriptlanguage="javascript"type="text/javascript">

</script>

</asp:Content>

<asp:ContentID="Content2"ContentPlaceHolderID="ContentPlaceHolder1"runat="server">

<divid="dvContainer">

<divid="dvImage"style="float: left; height: 500px;">

<imgalt="imgTeam"src="../Images/team large.png"

style="margin-top: 100px; margin-left: 50px"/>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: x-large; color: #08659F; margin-left: 93px;">

create.connect.chat

</p>

</div>

<divid="dvLoginArea"style="float: right;">

<tablestyle="margin-top: 200px; margin-right: 200px; font-family: 'Kozuka Gothic Pro M'; font-size: medium; color:#333333;">

<tr>

<td>

User Name

</td>

<td>

<asp:TextBoxID="txtUserName"runat="server"BorderColor="#497825"

BorderStyle="Solid"BorderWidth="1px"Font-Size="Medium"Height="35px"

Width="200px"></asp:TextBox>

&nbsp;<asp:RequiredFieldValidatorID="RequiredFieldValidator1"runat="server"ErrorMessage="User Name Required"ControlToValidate="txtUserName"ForeColor="#FF6600"></asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td>

Password

</td>

<td>

<asp:TextBoxID="txtPassword"runat="server"BorderColor="#497825"

BorderStyle="Solid"BorderWidth="1px"Font-Size="Medium"Height="35px"

TextMode="Password"Width="200px"></asp:TextBox>

&nbsp;<asp:RequiredFieldValidatorID="RequiredFieldValidator2"runat="server"ErrorMessage="Password Required"ControlToValidate="txtPassword"ForeColor="#FF6600"></asp:RequiredFieldValidator>

</td>

</tr>

</table>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:ButtonID="btnSignIn"runat="server"BackColor="#497825"

BorderColor="#497825"BorderStyle="None"Font-Bold="False"Font-Size="Large"

ForeColor="White"Height="35px"onclick="btnSignIn\_Click"Text="Sign In"

Width="200px"/>

&nbsp;<pstyle="font-family: 'Kozuka Gothic Pro EL'; font-size: small; text-decoration: none; color: #C0C0C0;">

<ahref="PasswordRecovery.aspx"

style="margin-left: 100px; text-decoration: none; color: #C0C0C0;">Forget Password? recover here !

<asp:LabelID="Label5"runat="server"Font-Names="Tahoma"Font-Size="Large"

ForeColor="#FF6600"></asp:Label>

</a>

</p>

<hr/>

<palign="right"

style="font-style: normal; font-size: small; font-family: 'Kozuka Gothic Pr6N M'; font-weight: normal; color: #919191;">

Brought to you by teamChat&nbsp;&nbsp;&nbsp;

<ahref="Tour.aspx"style="text-decoration: none; color: #333333;">Take a Tour</a>&nbsp;&nbsp;&nbsp;

<ahref="Login.aspx"style="text-decoration: none; color: #333333;">Login</a>&nbsp;&nbsp;&nbsp;

<ahref="Join.aspx"style="text-decoration: none; color: #333333;">+ Join Now</a>&nbsp;&nbsp;&nbsp;

<ahref="About.aspx"style="text-decoration: none; color: #333333;">About</a>

</p><br/><br/><br/>

<asp:ImageID="imgIcon"runat="server"AlternateText="imgIcon"

ImageAlign="Right"ImageUrl="~/Images/icon.png"Height="125px"Width="125px"/>

</div>

</div><!--dvContainer-->

</asp:Content>

Login C#

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

using System.Configuration;

using System.Data.Sql;

namespace teamChatProject.Account

{

publicpartialclassLogin : System.Web.UI.Page

{

protectedvoid Page\_Load(object sender, EventArgs e)

{

}

protectedvoid btnSignIn\_Click(object sender, EventArgs e)

{

SqlConnection conn = newSqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

conn.Open();

string chkuser = "select count(\*) from tblAccount where UserName='" + txtUserName.Text + "'";

SqlCommand com = newSqlCommand(chkuser, conn);

int temp = Convert.ToInt32(com.ExecuteScalar().ToString());

if (temp == 1)

{

if (txtUserName.Text == "Admin" || txtUserName.Text == "admin" || txtUserName.Text == "ADMIN")

{

string chkPassQuery1 = "select Password from tblAccount where UserName= '" + txtUserName.Text + "'";

SqlCommand Comm = newSqlCommand(chkPassQuery1, conn);

string pass1 = Comm.ExecuteScalar().ToString().Replace(" ", "");

conn.Close();

if (pass1 == txtPassword.Text)

{

Session["new"] = txtUserName.Text;

Response.Redirect("../Admin.aspx");

}

}

else

{

string chkPassQuery = "select Password from tblAccount where UserName= '" + txtUserName.Text + "'";

SqlCommand passComm = newSqlCommand(chkPassQuery, conn);

string pass = passComm.ExecuteScalar().ToString().Replace(" ", "");

conn.Close();

if (pass == txtPassword.Text)

{

Session["new"] = txtUserName.Text;

Response.Redirect("../Home.aspx");

}

else

{

//Response.Write("Unmatched Combination of username and password");

Label5.Text = " Incorrect password";

}

}

}

else

{

//Response.Write("Username is not Registered with teamChat");

Label5.Text = " Incorrect username ";

}

}

}

}

Join.aspx

<%@PageTitle=""Language="C#"MasterPageFile="~/Account/WithoutLogin.Master"AutoEventWireup="true"CodeBehind="Join.aspx.cs"Inherits="teamChatProject.Account.WebForm1"%>

<asp:ContentID="Content1"ContentPlaceHolderID="head"runat="server">

</asp:Content>

<asp:ContentID="Content2"ContentPlaceHolderID="ContentPlaceHolder1"runat="server">

<formid="frmJoin"method="post"action="Login.aspx">

<divid="dvContainer">

<divid="dvImage"style="float: left; height: 500px;">

<imgalt="imgTeam"src="../Images/team large.png"

style="margin-top: 100px; margin-left: 50px"/>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: x-large; color: #08659F; margin-left: 93px;">

create.connect.chat

</p>

</div>

<divid="dvLoginArea"style="float: right;">

<tablestyle="margin-top: 200px; margin-right: 200px; font-family: 'Kozuka Gothic Pro M'; font-size: medium; color:#333333;">

<tr>

<td>

User Name

</td>

<td>

<asp:TextBoxID="txtUserName"runat="server"Height="36px"Width="200px"

BackColor="White"BorderColor="#FF9933"BorderStyle="Solid"BorderWidth="1px"

Font-Size="Medium"ForeColor="#333333"></asp:TextBox>

&nbsp;<asp:RequiredFieldValidatorID="RequiredFieldValidator1"runat="server"ErrorMessage="Enter User Name"ControlToValidate="txtUserName"ForeColor="#FF6600"></asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td>

Password

</td>

<td>

<asp:TextBoxID="txtPassword"runat="server"Height="35px"TextMode="Password"

Width="200px"BorderColor="#FF9933"BorderStyle="Solid"BorderWidth="1px"

Font-Size="Medium">Enter Password</asp:TextBox>

&nbsp;<asp:RequiredFieldValidatorID="RequiredFieldValidator2"runat="server"ErrorMessage="Enter Password"ControlToValidate="txtPassword"ForeColor="#FF6600"></asp:RequiredFieldValidator>

</td>

</tr>

<tr>

<td>

Re-Enter Password

</td>

<td>

<asp:TextBoxID="txtRePassword"runat="server"BorderColor="#FF9933"

BorderStyle="Solid"BorderWidth="1px"Height="35px"TextMode="Password"

Width="200px"></asp:TextBox>

&nbsp;<asp:CompareValidatorID="CompareValidator1"runat="server"

ErrorMessage="Both Password should be same"ControlToCompare="txtRePassword"ControlToValidate="txtPassword"SetFocusOnError="True"></asp:CompareValidator>

</td>

</tr>

<tr>

<td>

Email

</td>

<td>

<asp:TextBoxID="txtEmail"runat="server"Height="35px"Width="200px"

BorderColor="#FF9933"BorderStyle="Solid"BorderWidth="1px"Font-Size="Medium"></asp:TextBox>

&nbsp;<asp:RequiredFieldValidatorID="RequiredFieldValidator3"runat="server"ErrorMessage="Enter Email"ControlToValidate="txtEmail"ForeColor="#FF6600"></asp:RequiredFieldValidator>

<asp:RegularExpressionValidatorID="regexEmailValid"runat="server"ValidationExpression="\w+([-+.]\w+)\*@\w+([-.]\w+)\*\.\w+([-.]\w+)\*"ControlToValidate="txtEmail"ErrorMessage="Invalid Email Format"></asp:RegularExpressionValidator>

</td>

</tr>

</table>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:ButtonID="btnSignUp"runat="server"onclick="btnSignUp\_Click"Text="Sign Up"

Height="35px"Width="203px"BackColor="#2C93C2"BorderStyle="None"

Font-Size="Medium"ForeColor="White"/>

&nbsp;<asp:LabelID="Label1"runat="server"BorderColor="#FF6600"BorderStyle="None"

BorderWidth="2px"Font-Size="Medium"

style="font-family: 'Kozuka Gothic Pro R'; font-size: x-large; color: Orange; margin-left: 93px;"></asp:Label>

<hr/>

<palign="right"

style="font-style: normal; font-size: small; font-family: 'Kozuka Gothic Pr6N M'; font-weight: normal; color: #919191;">

Brought to you by teamChat&nbsp;&nbsp;&nbsp;

<ahref="Tour.aspx"style="text-decoration: none; color: #333333;">Take a Tour</a>&nbsp;&nbsp;&nbsp;

<ahref="Login.aspx"style="text-decoration: none; color: #333333;">Login</a>&nbsp;&nbsp;&nbsp;

<ahref="Join.aspx"style="text-decoration: none; color: #333333;">+ Join Now</a>&nbsp;&nbsp;&nbsp;

<ahref="About.aspx"style="text-decoration: none; color: #333333;">About</a>

</p><br/>

<asp:ImageID="imgIcon"runat="server"AlternateText="imgIcon"

ImageAlign="Right"ImageUrl="~/Images/icon.png"Height="125px"Width="125px"/>

</div>

</div><!--dvContainer-->

</form>

</asp:Content>

Join C#

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

using System.Configuration;

using System.ComponentModel;

namespace teamChatProject.Account

{

publicpartialclassWebForm1 : System.Web.UI.Page

{

protectedvoid Page\_Load(object sender, EventArgs e)

{

/\* if (IsPostBack)

{

SqlConnection conn = new SqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

conn.Open();

string chkuser = "SELECT count(\*) from tblAccount WHERE UserName='" + txtUserName.Text + "'";

SqlCommand com = new SqlCommand(chkuser, conn);

int temp = Convert.ToInt32(com.ExecuteScalar().ToString());

conn.Close();

if (temp == 1)

{

Response.Write("Sorry User name already taken");

}

}\*/

Label1.Text = "";

}

protectedvoid btnSignUp\_Click(object sender, EventArgs e)

{

try

{

Guid newGUID = Guid.NewGuid();

SqlConnection conn = newSqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

conn.Open();

string chkuser = "SELECT count(\*) from tblAccount WHERE UserName='" + txtUserName.Text + "'";

SqlCommand com = newSqlCommand(chkuser, conn);

int temp = Convert.ToInt32(com.ExecuteScalar().ToString());

//conn.Close();

if (temp == 1)

{

Label1.Text=("Sorry User name already taken");

}

else

{

string insertQuery = "insert into tblAccount(ID,UserName,Email,Password) values (@ID ,@UserName ,@email ,@password)";

SqlCommand com1 = newSqlCommand(insertQuery, conn);

com1.Parameters.AddWithValue("@ID", newGUID.ToString());

com1.Parameters.AddWithValue("@UserName", txtUserName.Text);

com1.Parameters.AddWithValue("@Email", txtEmail.Text);

com1.Parameters.AddWithValue("@Password", txtPassword.Text);

com1.ExecuteNonQuery();

// Response.Write("Registration Suceeded, Please move to login page");

Label1.Text = "Registration Done, Goto Login window";

conn.Close();

}

}

catch (Exception ex)

{

Response.Write("Error :" + ex.ToString());

Label1.Text=("User Name not Available");

}

}

}

}

About.aspx

<%@PageTitle=""Language="C#"MasterPageFile="~/Account/WithoutLogin.Master"AutoEventWireup="true"CodeBehind="About.aspx.cs"Inherits="teamChatProject.About"%>

<asp:ContentID="Content1"ContentPlaceHolderID="head"runat="server">

</asp:Content>

<asp:ContentID="Content2"ContentPlaceHolderID="ContentPlaceHolder1"runat="server">

<divid="dvContainer">

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: large; font-style: normal; color: #000000; font-weight: bold;"

align="center">

About

teamChat Application</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">teamChat is an online web application, made for group chatting perpose.

</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">The application uses the following technoligies</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">ASP.NET (FOR DYNAMIC PAGES) | C# (FOR CODE BEHIND FILE)</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">AJAX (FOR PARTIAL UPDATE OF PAGES) | MS-SQL (FOR DATABASE)</p>

<br/>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: large; font-style: normal; color: #000000; font-weight: bold;"

align="center">

Credits</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">

Teju, Vinita, Anita and Priyanaka Mam (for encouragement and guidance)</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">Deepika Garg( for design and project concepts)</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">&nbsp;&nbsp;Rabindra Bhandari (for code behind files)&nbsp;&nbsp;</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;ViaksDubey,

Savita Panigrahi and Kishan Sahani (for documentation)&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</p>

<hr/>

<palign="right"

style="font-style: normal; font-size: small; font-family: 'Kozuka Gothic Pr6N M'; font-weight: normal; color: #919191;">

Designed and Devoloped by Vaibhav Waghmare&nbsp;&nbsp;&nbsp;

<ahref="Tour.aspx"style="text-decoration: none; color: #333333;">Take a Tour</a>&nbsp;&nbsp;&nbsp;

<ahref="Login.aspx"style="text-decoration: none; color: #333333;">Login</a>&nbsp;&nbsp;&nbsp;

<ahref="Join.aspx"style="text-decoration: none; color: #333333;">+ Join Now</a>&nbsp;&nbsp;&nbsp;

<ahref="About.aspx"style="text-decoration: none; color: #333333;">About</a>

</p>

<asp:ImageID="imgIcon"runat="server"AlternateText="imgIcon"

ImageAlign="Right"ImageUrl="~/Images/icon.png"Height="125px"Width="125px"/>

</div>

</asp:Content>

Tour.aspx

<%@PageTitle=""Language="C#"MasterPageFile="~/Account/WithoutLogin.Master"AutoEventWireup="true"CodeBehind="Tour.aspx.cs"Inherits="teamChatProject.WebForm1"%>

<asp:ContentID="Content1"ContentPlaceHolderID="head"runat="server">

</asp:Content>

<asp:ContentID="Content2"ContentPlaceHolderID="ContentPlaceHolder1"runat="server">

<divid="dvContainer">

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: large; font-style: normal; color: #000000; font-weight: bold;"

align="center">

teamChat</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">teamChat is an online web application, made for group chatting perpose.

</p>

<br/>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: large; font-style: normal; color: #000000; font-weight: bold;"

align="center">

How to use teamChat</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">

<asp:ImageID="Image2"runat="server"Height="20px"

ImageUrl="~/Images/box\_green\_bullet.fw.png"Width="20px"/>

&nbsp;Click on the Join link on the Login Page, Register

yourself to obtain a username and password</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">&nbsp;<asp:ImageID="Image3"runat="server"Height="20px"

ImageUrl="~/Images/box\_green\_bullet.fw.png"Width="20px"/>

&nbsp;Go to login page and enter the right credentials click on Sign

In&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">&nbsp;<asp:ImageID="Image4"runat="server"Height="20px"

ImageUrl="~/Images/box\_green\_bullet.fw.png"Width="20px"/>

&nbsp;After successfull login Home page will open. Join or create a

team to chat amongs the users.&nbsp;&nbsp;&nbsp;&nbsp;</p>

<pstyle="font-family: 'Kozuka Gothic Pro R'; font-size: medium; color: #1E1E1E"

align="center">

<asp:ImageID="Image5"runat="server"Height="20px"

ImageUrl="~/Images/box\_green\_bullet.fw.png"Width="20px"/>

&nbsp;You can navigate to links for Account, Dashboard and Profile

Page.&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</p>

<hr/>

<palign="right"

style="font-style: normal; font-size: small; font-family: 'Kozuka Gothic Pr6N M'; font-weight: normal; color: #919191;">

Brought to you by teamChat&nbsp;&nbsp;&nbsp;

<ahref="Tour.aspx"style="text-decoration: none; color: #333333;">Take a Tour</a>&nbsp;&nbsp;&nbsp;

<ahref="Login.aspx"style="text-decoration: none; color: #333333;">Login</a>&nbsp;&nbsp;&nbsp;

<ahref="Join.aspx"style="text-decoration: none; color: #333333;">+ Join Now</a>&nbsp;&nbsp;&nbsp;

<ahref="About.aspx"style="text-decoration: none; color: #333333;">About</a>

</p><br/><br/><br/><br/><br/>

<asp:ImageID="imgIcon"runat="server"AlternateText="imgIcon"

ImageAlign="Right"ImageUrl="~/Images/icon.png"Height="125px"Width="125px"/>

</div>

</asp:Content>

Password.aspx

<%@PageTitle=""Language="C#"MasterPageFile="~/Account/WithoutLogin.Master"AutoEventWireup="true"CodeBehind="PasswordRecovery.aspx.cs"Inherits="teamChatProject.AccountControls.PasswordRecovery"%>

<asp:ContentID="Content1"ContentPlaceHolderID="head"runat="server">

</asp:Content>

<asp:ContentID="Content2"ContentPlaceHolderID="ContentPlaceHolder1"runat="server">

<formmethod="post"action="Login.aspx">

<br/>

<palign="center"

style="font-family: 'Kozuka Gothic Pro B'; color: #000000; font-size: medium; ">

Summit Email Address, Application server will send your password on your Mailing address.

</p>

<tablestyle="font-family: 'Kozuka Gothic Pro M'; font-size: medium; color:#333333;">

<tr>

<td>

Email Address

</td>

<td>

&nbsp;<asp:TextBoxID="txtUserEmail"runat="server"BackColor="White"

BorderColor="#0099FF"BorderStyle="Solid"BorderWidth="1px"Font-Size="Medium"

ForeColor="#0099FF"Height="30px"

Width="300px"></asp:TextBox>

<asp:CustomValidatorID="CustomValidator1"runat="server"

ErrorMessage="Please provide a valid email address"

ControlToValidate="txtUserEmail"ForeColor="#FF6600"ValidationExpression="\w+([-+.]\w+)\*@\w+([-.]\w+)\*\.\w+([-.]\w+)\*"></asp:CustomValidator>

<asp:RequiredFieldValidatorID="RequiredFieldValidator1"runat="server"ErrorMessage="Please provide a email address"

ControlToValidate="txtUserEmail"ForeColor="#FF6600"></asp:RequiredFieldValidator>

</td>

</tr>

</table>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:ButtonID="btnConfirm"runat="server"BackColor="#0066CC"

BorderStyle="None"Font-Bold="True"Font-Size="Medium"ForeColor="White"

Height="35px"Text="Confirm"Width="200px"onclick="btnConfirm\_Click"/>

<asp:LabelID="Label1"runat="server"Font-Names="Tahoma"Font-Size="Large"

ForeColor="#FF9933"></asp:Label>

&nbsp;<hr/>

<palign="right"

style="font-style: normal; font-size: small; font-family: 'Kozuka Gothic Pr6N M'; font-weight: normal; color: #919191;">

Brought to you by teamChat&nbsp;&nbsp;&nbsp;

<ahref="Tour.aspx"style="text-decoration: none; color: #333333;">Take a Tour</a>&nbsp;&nbsp;&nbsp;

<ahref="Login.aspx"style="text-decoration: none; color: #333333;">Login</a>&nbsp;&nbsp;&nbsp;

<ahref="Join.aspx"style="text-decoration: none; color: #333333;">+ Join Now</a>&nbsp;&nbsp;&nbsp;

<ahref="About.aspx"style="text-decoration: none; color: #333333;">About</a>

</p><br/><br/><br/><br/><br/>

<asp:ImageID="imgIcon"runat="server"AlternateText="imgIcon"

ImageAlign="Right"ImageUrl="~/Images/icon.png"Height="125px"Width="125px"/>

</form>

</asp:Content>

Password C#

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Net.Mail;

using System.Data.SqlClient;

using System.Configuration;

namespace teamChatProject.AccountControls

{

publicpartialclassPasswordRecovery : System.Web.UI.Page

{

protectedvoid Page\_Load(object sender, EventArgs e)

{

}

string str;

protectedvoid btnConfirm\_Click(object sender, EventArgs e)

{

try

{

SqlConnection conn = newSqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

conn.Open();

SqlCommand command = newSqlCommand("SELECT Email FROM tblAccount WHERE Email= @Email", conn);

command.Parameters.AddWithValue("@Email", txtUserEmail.Text);

SqlDataReader reader = command.ExecuteReader();

if (reader.HasRows)

{

reader.Read();

str = reader.GetString(0);

}

else

{

Label1.Text = "Email ID does not Exists";

}

if (str == txtUserEmail.Text)

{

MailMessage mail = newMailMessage();

mail.From = newSystem.Net.Mail.MailAddress("vwaghmare38@gmail.com", " your New Password");

// The important part -- configuring the SMTP client

SmtpClient smtp = newSmtpClient();

smtp.Port = 587; // [1] You can try with 465 also, I always used 587 and got success

smtp.EnableSsl = true;

smtp.DeliveryMethod = SmtpDeliveryMethod.Network; // [2] Added this

smtp.UseDefaultCredentials = false; // [3] Changed this

smtp.Credentials = newSystem.Net.NetworkCredential("vwaghmare38@gmail.com", "vaibhav123"); // [4] Added this. Note, first parameter is NOT string.

smtp.Host = "smtp.gmail.com";

//recipient address

mail.To.Add(newMailAddress(txtUserEmail.Text));

mail.IsBodyHtml = true;

string st = "Your Password is: <br>" + str;

mail.Subject = "Your New Password Of teamChat is: ";

mail.Body = st;

smtp.Send(mail);

Label1.Text = "Mail has been sent";

}

else

Label1.Text = "Email ID does not Exists";

}

catch (Exception ew)

{

Label1.Text = "Email Server Error, Or unable to conncet to internet";

}

}

}

}

Home.aspx

<%@PageTitle=""Language="C#"MasterPageFile="~/AfterLogin.Master"AutoEventWireup="true"CodeBehind="Home.aspx.cs"Inherits="teamChatProject.Home"%>

<asp:ContentID="Content1"ContentPlaceHolderID="head"runat="server">

<styletype="text/css">

#Button1

{

height: 40px;

width: 250px;

}

#txtaChatBox

{

height: 250px;

width: 750px;

}

#Reset1

{

height: 40px;

width: 100px;

}

#btnSend

{

height: 40px;

width: 250px;

}

#btnReset

{

height: 40px;

width: 100px;

}

</style>

<scriptlanguage="javascript"type="text/javascript">

// <![CDATA[

/\* function btnReset\_onclick() {

}

function btnAddTeam\_onclick() {

var name = form.txtSearch.value;

alert("name");

}

function btnAddTeam\_onclick() {

} \*/

// ]]>

</script>

</asp:Content>

<asp:ContentID="Content2"ContentPlaceHolderID="ContentPlaceHolder1"runat="server">

<form>

<divid="UserDescription"

style="height: 150px; background-color: #EDF0F5; width: 100%;">

<imgalt="userImg"src="Images/userImage.png"

style="width: 150px; height: 150px; margin-left: 5px; margin-top: -5px;"/>

</div><br/><br/>

<divid="chatArea"style=" ">

<divid="teamsOnline"style="float: left;"><br/><br/>

<tablestyle="font-family: 'Kozuka Gothic Pro M'; font-size: large; color: #67B532">

<tr>

<td>

<imgalt=""src="Images/signal.png"/>Avaiblable teams</td>

<td>

</td>

</tr>

<tr>

<td>

<pstyle="font-family: Leelawadee; font-size: medium; color: #808080">

Select a team to join

</p>

<pstyle="font-family: Leelawadee; font-size: medium; color: #808080">

<asp:DropDownListID="DropDownList1"runat="server"DataSourceID="sdsChat"

DataTextField="teamName"DataValueField="teamName"Height="45px"

Width="200px"BackColor="#0099CC"Font-Bold="False"Font-Names="Leelawadee"

Font-Size="Large"Font-Strikeout="False"ForeColor="White"

AutoPostBack="True"

onselectedindexchanged="DropDownList1\_SelectedIndexChanged"da

DataMember="DefaultView">

</asp:DropDownList>

<asp:SqlDataSourceID="sdsChat"runat="server"

ConnectionString="<%$ ConnectionStrings:ConnectionString%>"

SelectCommand="SELECT DISTINCT [teamName] FROM [tblChat] ORDER BY [teamName]"></asp:SqlDataSource>

</p>

<pstyle="font-family: Leelawadee; font-size: medium; color: #808080">

<asp:ButtonID="Button2"runat="server"Text="Join"Height="40px"

onclick="Button2\_Click"Width="100px"BackColor="#6BB026"

BorderStyle="None"Font-Names="Tahoma"Font-Size="Large"ForeColor="White"/>

</p>

</td>

</tr>

</table>

</div>

<divid="chatBox"style=" float: left; margin-left: 100px;">

<asp:LabelID="Label7"runat="server"Font-Names="Tahoma"Font-Size="Large"

ForeColor="#FF9900">You are chatting in team : </asp:Label>

<asp:LabelID="Label4"runat="server"Font-Names="Tahoma"Font-Size="Large"

ForeColor="#FF9900"></asp:Label>

<br/>

<asp:UpdatePanelID="UpdatePanel1"runat="server">

<ContentTemplate>

<asp:TimerID="Timer1"runat="server"Interval="2000"ontick="Timer1\_Tick">

</asp:Timer>

<asp:GridViewID="GridView1"runat="server"BackColor="White"

BorderColor="#EBEBEB"BorderStyle="Solid"BorderWidth="1px"Font-Names="Arial"

Font-Size="Medium"ForeColor="#333333"GridLines="Horizontal"Height="56px"

onselectedindexchanged="GridView1\_SelectedIndexChanged"ShowHeader="False"

Width="457px"AllowSorting="True">

</asp:GridView>

</ContentTemplate>

</asp:UpdatePanel>

<br/>

<asp:TextBoxID="txtMessage"runat="server"BorderColor="#CCCCCC"

BorderStyle="Solid"BorderWidth="1px"Font-Names="Leelawadee"Font-Size="Large"

ForeColor="#666666"Height="35px"Width="300px"></asp:TextBox>

<br/>

<asp:ButtonID="Button3"runat="server"BackColor="#999999"BorderStyle="None"

Font-Names="Calibri"Font-Size="Large"ForeColor="#F7F7F7"Height="34px"

onclick="Button3\_Click"Text="Send"Width="128px"/>

<asp:LabelID="Label6"runat="server"Font-Names="Tahoma"Font-Size="Large"

ForeColor="#FF9900"></asp:Label>

<br/>

</div>

<divid="dvCreateTeam"style="float: right;">

&nbsp;&nbsp;&nbsp;&nbsp;

<imgalt=""src="Images/createTeam.png"/><br/>

<asp:ButtonID="btnNewTeam"runat="server"Height="40px"

onclick="btnNewTeam\_Click"Text="Create Team"Width="142px"

BackColor="#0099CC"BorderStyle="None"Font-Size="Medium"ForeColor="#CCCCCC"/>

<asp:LabelID="Label5"runat="server"Font-Names="Tahoma"Font-Size="Large"

ForeColor="#FF9900"></asp:Label>

&nbsp;<br/>

<asp:TextBoxID="txtNewTeam"runat="server"Height="35px"Width="138px"></asp:TextBox>

</div>

<br/>

<br/>

</div>

</form>

</asp:Content>

Home C#

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

using System.Configuration;

namespace teamChatProject

{

publicpartialclassHome : System.Web.UI.Page

{

protectedvoid Page\_Load(object sender, EventArgs e)

{

Label5.Text ="";

Label6.Text = "";

// txtMessage.Text = "";

// txtNewTeam.Text = "";

//SqlConnection conn = new SqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

//conn.Open();

//SqlCommand cmd = new SqlCommand("select teamName from tblChat", conn);

//DropDownList1.DataMember= cmd.ExecuteReader().ToString();

//DropDownList1.DataTextField="teamName";

//DropDownList1.DataValueField = "teamName";

//DropDownList1.DataBind();

//conn.Close();

}

protectedvoid Button2\_Click(object sender, EventArgs e)

{

refresh1();

}

privatevoid refresh1()

{

SqlConnection conn = newSqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

conn.Open();

SqlCommand cmd = newSqlCommand("select users,chatText from tblChat where teamName='" + DropDownList1.Text + "'", conn);

GridView1.DataSource = cmd.ExecuteReader();

GridView1.DataBind();

conn.Close();

}

protectedvoid Button3\_Click(object sender, EventArgs e)

{

SqlConnection conn = newSqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

conn.Open();

if (txtMessage.Text == "")

{

Label6.Text = "send msg cannot blank";

}

elseif(DropDownList1.Text=="")

{

Label6.Text = "join team first";

}

else

{

SqlCommand cmd = newSqlCommand("insert into tblChat values('" + DropDownList1.Text + "','" + Session["new"].ToString() + "','" + txtMessage.Text + "')", conn);

cmd.ExecuteNonQuery();

refresh1();

txtMessage.Text = "";

conn.Close();

}

}

protectedvoid btnNewTeam\_Click(object sender, EventArgs e)

{

SqlConnection conn = newSqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

conn.Open();

if (txtNewTeam.Text == "")

{

Label5.Text ="team name cannot blank";

}

else

{

SqlCommand cmd = newSqlCommand("insert into tblChat values('" + txtNewTeam.Text + "','" + Session["new"].ToString() + "','welcome')", conn);

cmd.ExecuteNonQuery();

refresh1();

Response.Redirect("Home.aspx");

conn.Close();

}

}

protectedvoid DropDownList1\_SelectedIndexChanged(object sender, EventArgs e)

{

Label4.Text = DropDownList1.Text;

}

protectedvoid GridView1\_SelectedIndexChanged(object sender, EventArgs e)

{

}

protectedvoid Timer1\_Tick(object sender, EventArgs e)

{

refresh1();

}

}

}

Dashboard.aspx

<%@PageTitle=""Language="C#"MasterPageFile="~/AfterLogin.Master"AutoEventWireup="true"CodeBehind="Dashboard.aspx.cs"Inherits="teamChatProject.Dashboard"%>

<asp:ContentID="Content1"ContentPlaceHolderID="head"runat="server">

<styletype="text/css">

.style1

{

width: 693px;

}

.style2

{

width: 326px;

}

</style>

</asp:Content>

<asp:ContentID="Content2"ContentPlaceHolderID="ContentPlaceHolder1"runat="server">

<palign="center"style="font-family: 'Kozuka Gothic Pro B'; color: #000000; font-size: large; text-decoration: underline;">

Admin&#39;s Message.

</p>

<div>

<asp:GridViewID="GridView2"runat="server"AutoGenerateColumns="False"

DataSourceID="sdsAdminPost"Width="500px"BorderStyle="None"

Font-Names="Arial"Font-Size="Large"ForeColor="Gray"Height="200px"

HorizontalAlign="Center">

<Columns>

<asp:BoundFieldDataField="AdminPost"HeaderText="AdminPost"

SortExpression="AdminPost"/>

</Columns>

</asp:GridView>

<asp:SqlDataSourceID="sdsAdminPost"runat="server"

ConnectionString="<%$ ConnectionStrings:ConnectionString%>"

SelectCommand="SELECT \* FROM [tblAdminPost]"></asp:SqlDataSource>

</div><br/><br/>

<palign="center"

style="font-family: 'Kozuka Gothic Pro B'; color: #000000; font-size: large; text-decoration: underline;">

teamChat members Status

</p>

<div>

<asp:GridViewID="GridView1"runat="server"AutoGenerateColumns="False"

DataSourceID="sdsPost"Height="200px"HorizontalAlign="Center"

Width="500px"Font-Names="Tahoma"Font-Size="Medium"ForeColor="#999999">

<Columns>

<asp:BoundFieldDataField="user"HeaderText="user"SortExpression="user"/>

<asp:BoundFieldDataField="post"HeaderText="post"SortExpression="post"/>

</Columns>

<HeaderStyleWidth="100%"/>

</asp:GridView>

<asp:SqlDataSourceID="sdsPost"runat="server"

ConnectionString="<%$ ConnectionStrings:ConnectionString%>"

SelectCommand="SELECT \* FROM [tblPosts]"></asp:SqlDataSource>

</div>

<asp:ImageID="imgIcon"runat="server"AlternateText="imgIcon"

ImageAlign="Right"ImageUrl="~/Images/icon.png"Height="60px"

Width="60px"/>

<palign="right"

style="font-style: normal; font-size: small; font-family: 'Kozuka Gothic Pr6N M'; font-weight: normal; color: #919191;">

Brought to you by teamChat

</p>

</asp:Content>

Account.aspx

<%@PageTitle=""Language="C#"MasterPageFile="~/AfterLogin.Master"AutoEventWireup="true"CodeBehind="Account.aspx.cs"Inherits="teamChatProject.WebForm2"%>

<asp:ContentID="Content1"ContentPlaceHolderID="head"runat="server">

</asp:Content>

<asp:ContentID="Content2"ContentPlaceHolderID="ContentPlaceHolder1"runat="server">

<div>

<pstyle="font-family: 'Kozuka Gothic Pro B'; color: #000000; font-size: large; ">

Security Information

</p>

<tablestyle="font-family: 'Kozuka Gothic Pro M'; font-size: medium;

color:#333333;">

<tr>

<td>

Current

Password

</td>

<td>

<asp:TextBoxID="txtCurrPassword"runat="server"Height="36px"

Width="200px"BorderColor="#0099FF"BorderStyle="Solid"BorderWidth="1px"

TextMode="Password"></asp:TextBox>

</td>

</tr>

<tr>

<td>

New Password

</td>

<td>

<asp:TextBoxID="txtNewPassword"runat="server"Height="36px"

Width="200px"BorderColor="#0099FF"BorderStyle="Solid"BorderWidth="1px"

TextMode="Password"></asp:TextBox>

</td>

</tr>

<tr>

<td>

Re-Entre New Password

</td>

<td>

<asp:TextBoxID="txtConfirmPassword"runat="server"Height="36px"

Width="200px"BorderColor="#0099FF"BorderStyle="Solid"BorderWidth="1px"

TextMode="Password"></asp:TextBox>

</td>

</tr>

<tr>

<td>

<asp:LabelID="Label3"runat="server"ForeColor="#FF6600"></asp:Label>

</td>

<td>

<asp:ButtonID="Button1"runat="server"Height="39px"

onclick="Button1\_Click"style="text-align: center"Text="Update"

Width="197px"BackColor="#999999"BorderStyle="None"Font-Bold="True"

Font-Names="Humnst777 BT"Font-Size="Large"ForeColor="White"/>

</td>

</tr>

</table>

&nbsp;</div>

</asp:Content>

Account C#

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

using System.Configuration;

namespace teamChatProject

{

publicpartialclassWebForm2 : System.Web.UI.Page

{

protectedvoid Page\_Load(object sender, EventArgs e)

{

}

protectedvoid Button1\_Click(object sender, EventArgs e)

{

SqlConnection conn = newSqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

conn.Open();

if( txtCurrPassword.Text=="" || txtNewPassword.Text=="" || txtConfirmPassword.Text=="")

{

Label3.Text = "Any TextBox can not be empty";

}

else

{

if (txtNewPassword.Text == txtConfirmPassword.Text)

{

string updatePassword = "update tblAccount set Password = '" + txtNewPassword.Text + "' where UserName='" + Session["new"].ToString() + "' and Password='"+txtCurrPassword.Text+"'";

SqlCommand com = newSqlCommand(updatePassword, conn);

int temp = (com.ExecuteNonQuery());

if (temp == 1)

{

Label3.Text = "Update Succeeded";

}

else

{

Label3.Text = "Sorry! Wrong Password";

}

}

else

{

Label3.Text=" New password Unmatched";

}

}

conn.Close();

}

}

}

Profile.aspx

<%@PageTitle=""Language="C#"MasterPageFile="~/AfterLogin.Master"AutoEventWireup="true"CodeBehind="Profile.aspx.cs"Inherits="teamChatProject.Profile"%>

<asp:ContentID="Content1"ContentPlaceHolderID="head"runat="server">

<styletype="text/css">

#File1

{

height: 35px;

width: 200px;

}

</style>

<scriptlanguage="javascript"type="text/javascript">

// <![CDATA[

function txtFName\_onclick() {

}

// ]]>

</script>

</asp:Content>

<asp:ContentID="Content2"ContentPlaceHolderID="ContentPlaceHolder1"runat="server">

<palign="center"

style="font-family: 'Kozuka Gothic Pro B'; color: #000000; font-size: large; text-decoration: underline;">

Status

<asp:LabelID="Label4"runat="server"ForeColor="#FF6600"></asp:Label>

<asp:LabelID="Label5"runat="server"ForeColor="#FF6600"></asp:Label>

</p><hr/>

<divid="dvUpdatePanel">

<divstyle="float: left">

<pstyle="font-family: 'Kozuka Gothic Pro B'; color: #000000; font-size: large; ">

Share with friends, whats in your mind!</p>

<asp:TextBoxID="txtPost"runat="server"Height="150px"

style="margin-bottom: 0px"TextMode="MultiLine"Width="500px"

BorderColor="#999999"BorderStyle="Solid"BorderWidth="1px"Font-Names="Tahoma"

Font-Size="Large"ForeColor="#333333"></asp:TextBox>

<br/>

<asp:ButtonID="Button1"runat="server"Text="Post"onclick="Button1\_Click"

BackColor="#333333"BorderStyle="None"Font-Names="Arial"Font-Size="Large"

ForeColor="#CCCCCC"Height="30px"Width="100px"/>

</div>

</div><!--UpdatePannel-->

</asp:Content>

Profile C#

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Text;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

using System.Configuration;

namespace teamChatProject

{

publicpartialclassProfile : System.Web.UI.Page

{

protectedvoid Page\_Load(object sender, EventArgs e)

{

// txtPost.Text = "";

Label4.Text = "";

//Label5.Text = "";

}

protectedvoid Button1\_Click(object sender, EventArgs e)

{

SqlConnection conn = newSqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

conn.Open();

string insertQuery = "insert into tblPosts values (@user,@post)";

SqlCommand com1 = newSqlCommand(insertQuery, conn);

com1.Parameters.AddWithValue("@user", Session["new"].ToString());

com1.Parameters.AddWithValue("@post", txtPost.Text);

com1.ExecuteNonQuery();

Label4.Text = "Post Updated";

//Response.Write=("Post Updated);

conn.Close();

txtPost.Text = "";

}

}

}

Admin.aspx

<%@PageLanguage="C#"AutoEventWireup="true"CodeBehind="Admin.aspx.cs"Inherits="teamChatProject.Admin"%>

<!DOCTYPEhtmlPUBLIC"-//W3C//DTD XHTML 1.0 Transitional//EN""http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<htmlxmlns="http://www.w3.org/1999/xhtml">

<headrunat="server">

<title></title>

<styletype="text/css">

#form1

{

height: 352px;

width: 1017px;

}

.style1

{

text-align: center;

color: #009933;

font-size: medium;

height: 289px;

width: 1010px;

}

</style>

</head>

<bodystyle="font-size: small">

<formid="form1"runat="server">

<divclass="style1">

<asp:ImageID="Image1"runat="server"ImageUrl="~/Images/admin.png"Width="1350"/>

<pstyle="float: right">

<asp:LabelID="lblAdmin"runat="server"Font-Names="Arial"Font-Size="Large"

ForeColor="#333333"></asp:Label>

<asp:LabelID="lblUpdateStatus"runat="server"Font-Names="Arial"

Font-Size="Large"></asp:Label>

<asp:ButtonID="btnAdminLogout"runat="server"onclick="btnAdminLogout\_Click"

Text="Logout"BackColor="#666666"BorderStyle="None"Font-Names="Arial"

Font-Size="Large"ForeColor="#FF9933"Height="30px"Width="100px"/>

</p>

<asp:SqlDataSourceID="sdsAccount"

runat="server"ConnectionString="<%$ ConnectionStrings:ConnectionString %>"

SelectCommand="SELECT \* FROM [tblAccount]"

ProviderName="<%$ ConnectionStrings:ConnectionString.ProviderName%>"></asp:SqlDataSource>

<asp:GridViewID="GridView1"runat="server"AllowPaging="True"

AllowSorting="True"AutoGenerateColumns="False"

BackColor="White"BorderColor="White"BorderWidth="2px"

CellPadding="3"DataSourceID="sdsAccount"ForeColor="Gray"

GridLines="None"BorderStyle="Ridge"CellSpacing="1"Font-Names="Arial"

Font-Size="Medium"ShowHeaderWhenEmpty="True">

<Columns>

<asp:CommandFieldShowSelectButton="True"/>

<asp:BoundFieldDataField="ID"HeaderText="ID"SortExpression="ID"/>

<asp:BoundFieldDataField="UserName"HeaderText="UserName"

SortExpression="UserName"/>

<asp:BoundFieldDataField="Email"HeaderText="Email"SortExpression="Email"/>

<asp:BoundFieldDataField="Password"HeaderText="Password"

SortExpression="Password"/>

</Columns>

<FooterStyleBackColor="#C6C3C6"ForeColor="Black"/>

<HeaderStyleBackColor="#4A3C8C"Font-Bold="True"ForeColor="#E7E7FF"/>

<PagerStyleBackColor="#C6C3C6"ForeColor="Black"

HorizontalAlign="Right"/>

<RowStyleBackColor="#DEDFDE"ForeColor="Black"/>

<SelectedRowStyleBackColor="#9471DE"ForeColor="White"Font-Bold="True"/>

<SortedAscendingCellStyleBackColor="#F1F1F1"/>

<SortedAscendingHeaderStyleBackColor="#594B9C"/>

<SortedDescendingCellStyleBackColor="#CAC9C9"/>

<SortedDescendingHeaderStyleBackColor="#33276A"/>

</asp:GridView>

<!-- ABOVE THIS SENSITIVE AREA DO NOR CHANGE CODES--><br/>

<asp:TextBoxID="txtAdminPost"runat="server"Height="115px"Width="449px"

TextMode="MultiLine"BorderColor="#0099FF"BorderStyle="Solid"

BorderWidth="1px"Font-Names="Tahoma"Font-Size="Medium"ForeColor="#666666"

style="text-align: left"></asp:TextBox>

<br/>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:ButtonID="btnAdminPost"runat="server"onclick="btnAdminPost\_Click"

Text="Post"BackColor="Silver"BorderStyle="None"Font-Bold="True"

Font-Names="Arial"Font-Size="Large"ForeColor="White"Height="35px"

Width="100px"/>

<br/>

<br/>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

</div>

</form>

</body>

</html>

**Admin C#**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

using System.Configuration;

namespace teamChatProject

{

publicpartialclassAdmin : System.Web.UI.Page

{

protectedvoid Page\_Load(object sender, EventArgs e)

{

if (Session["new"] == null)

{

Response.Redirect("Account/Login.aspx");

}

else

{

// Response.Write("Admin");

//replace with label

lblAdmin.Text = Session["new"].ToString();

}

}

protectedvoid btnAdminPost\_Click(object sender, EventArgs e)

{

SqlConnection conn = newSqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);

conn.Open();

string insertQuery = "insert into tblAdminPost values (@AdminPost)";

SqlCommand com1 = newSqlCommand(insertQuery, conn);

com1.Parameters.AddWithValue("@AdminPost", txtAdminPost.Text);

com1.ExecuteNonQuery();

//Response.Write("Post Updated");

lblUpdateStatus.Text = "Post updated successfully";

conn.Close();

}

protectedvoid btnAdminLogout\_Click(object sender, EventArgs e)

{

Session.RemoveAll();

Response.Redirect("Account/Login.aspx");

}

}

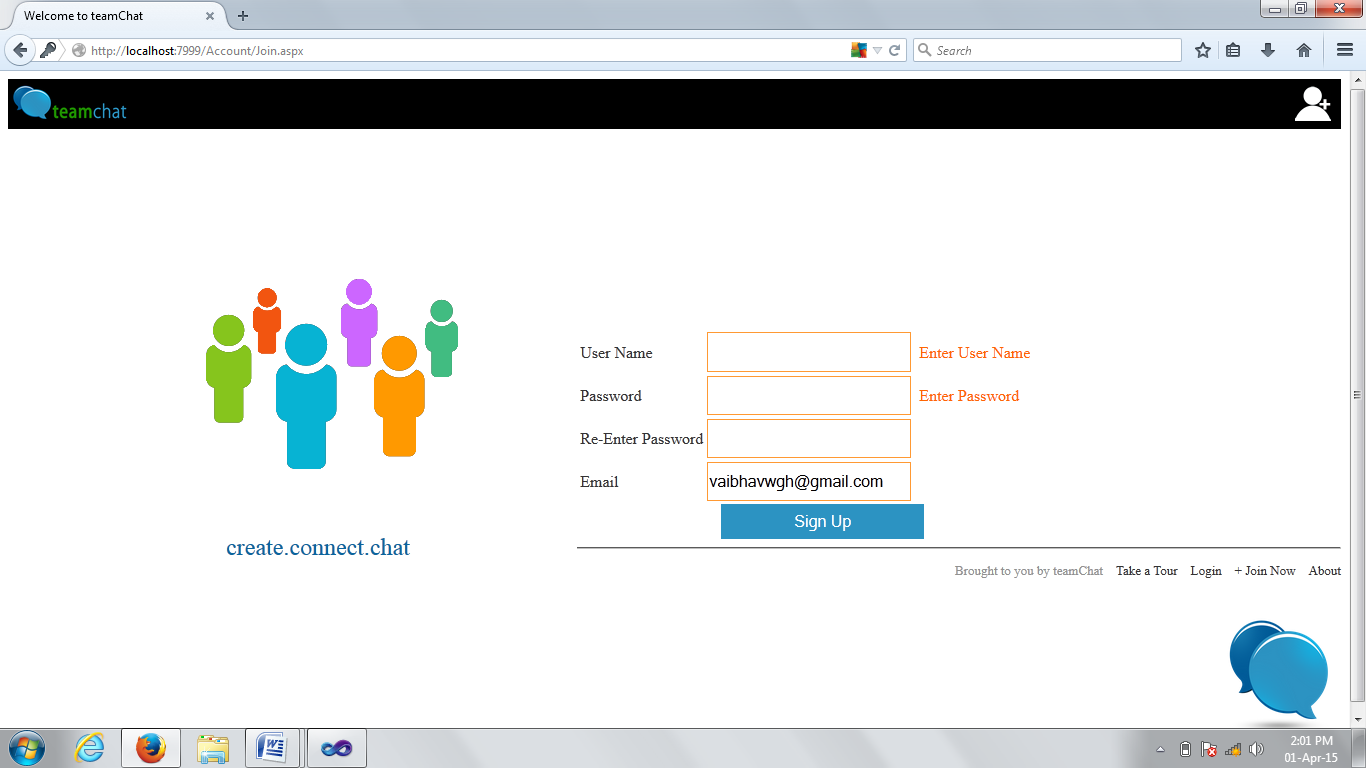
}

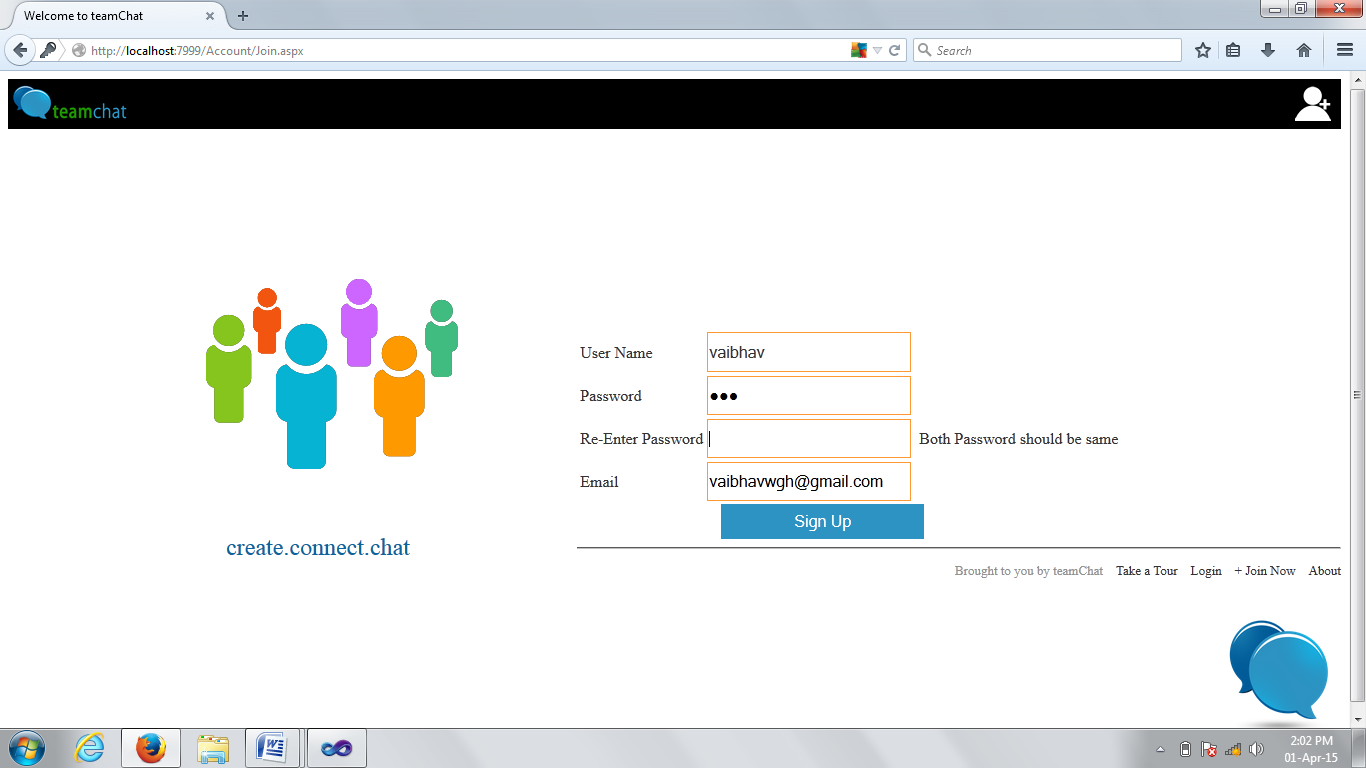
**11 Screen Layouts with Test Data and Test Results**

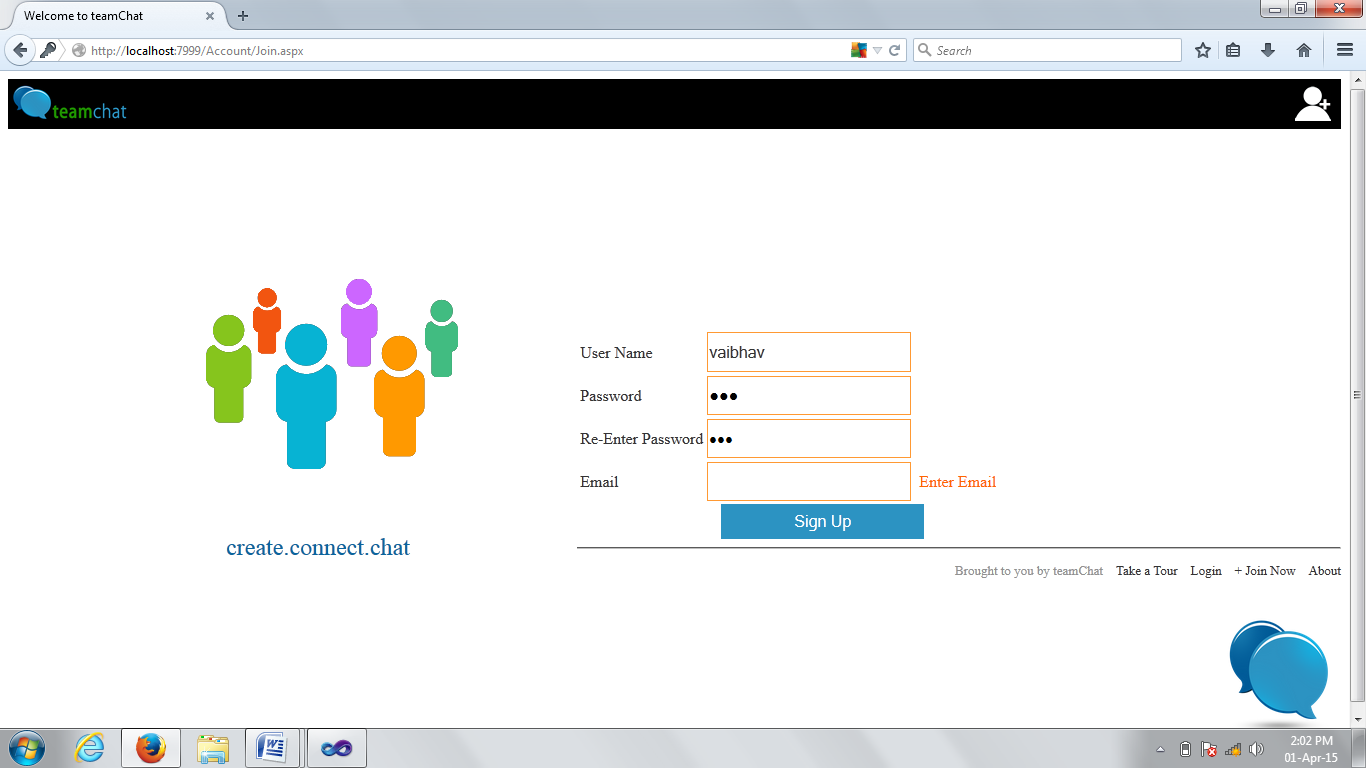
**TEST DATA AND TEST RESULT**

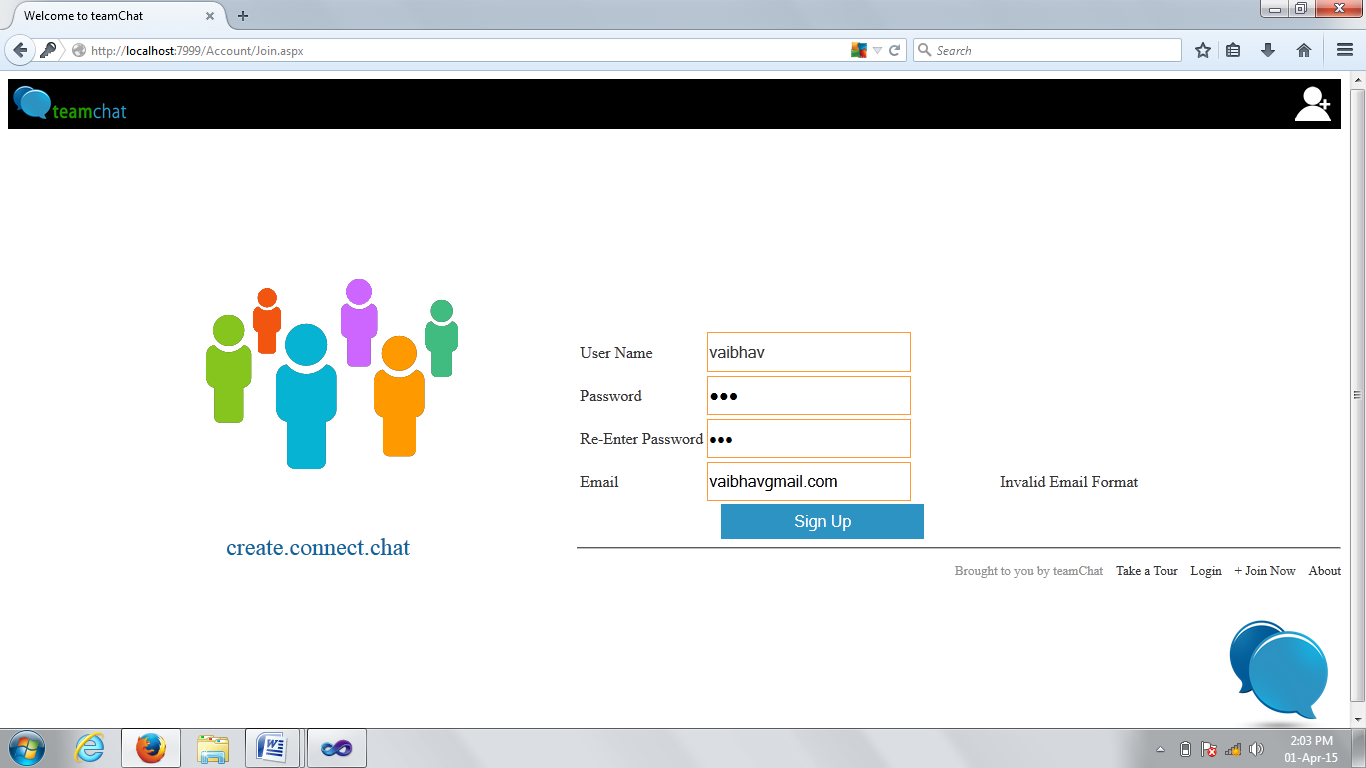
**Join:**

|  |  |  |
| --- | --- | --- |
| **Component** | **Test Data** | **Test Result** |
| Username | Not blank field | Enter a name |
| Password | Not blank field | Enter password |
| Re-Enter Password | Correct Password | Both password should be same |
| Email | Email formats | Enter valid email |



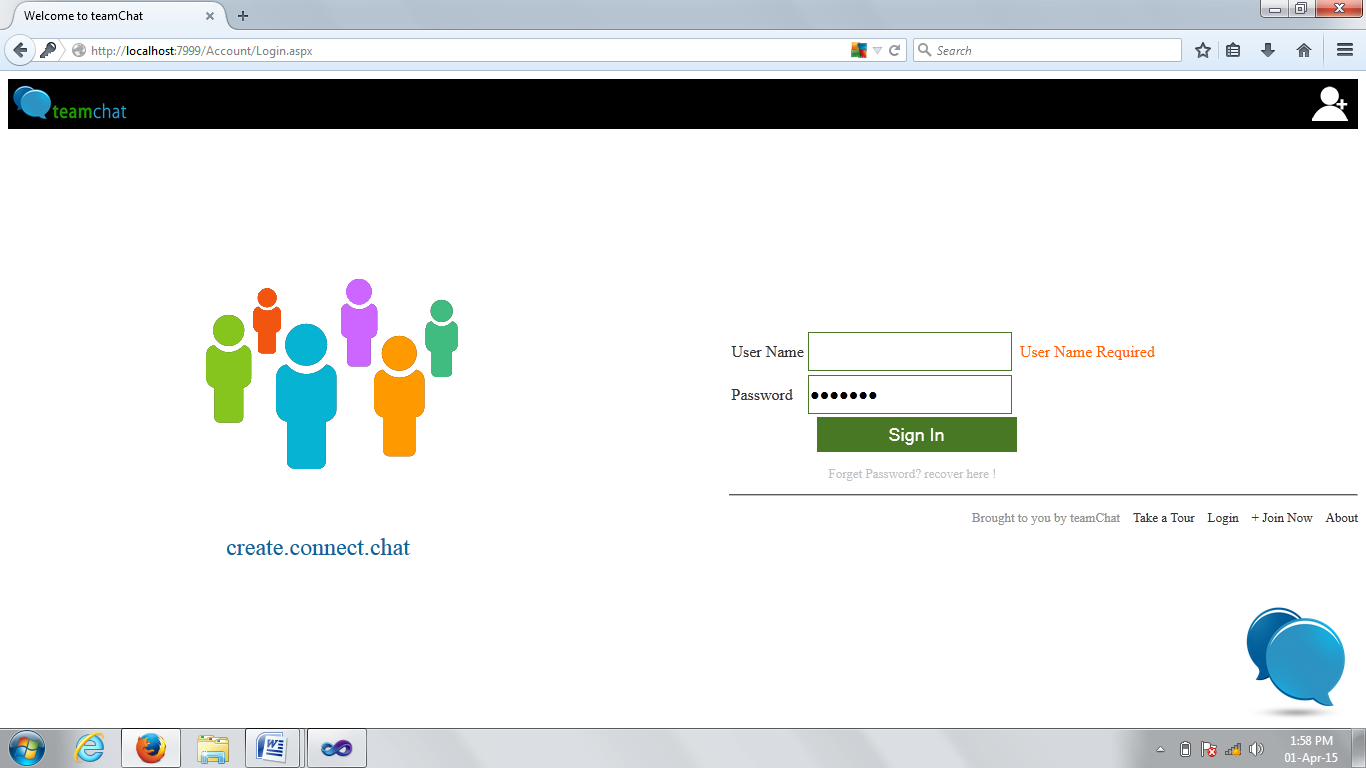


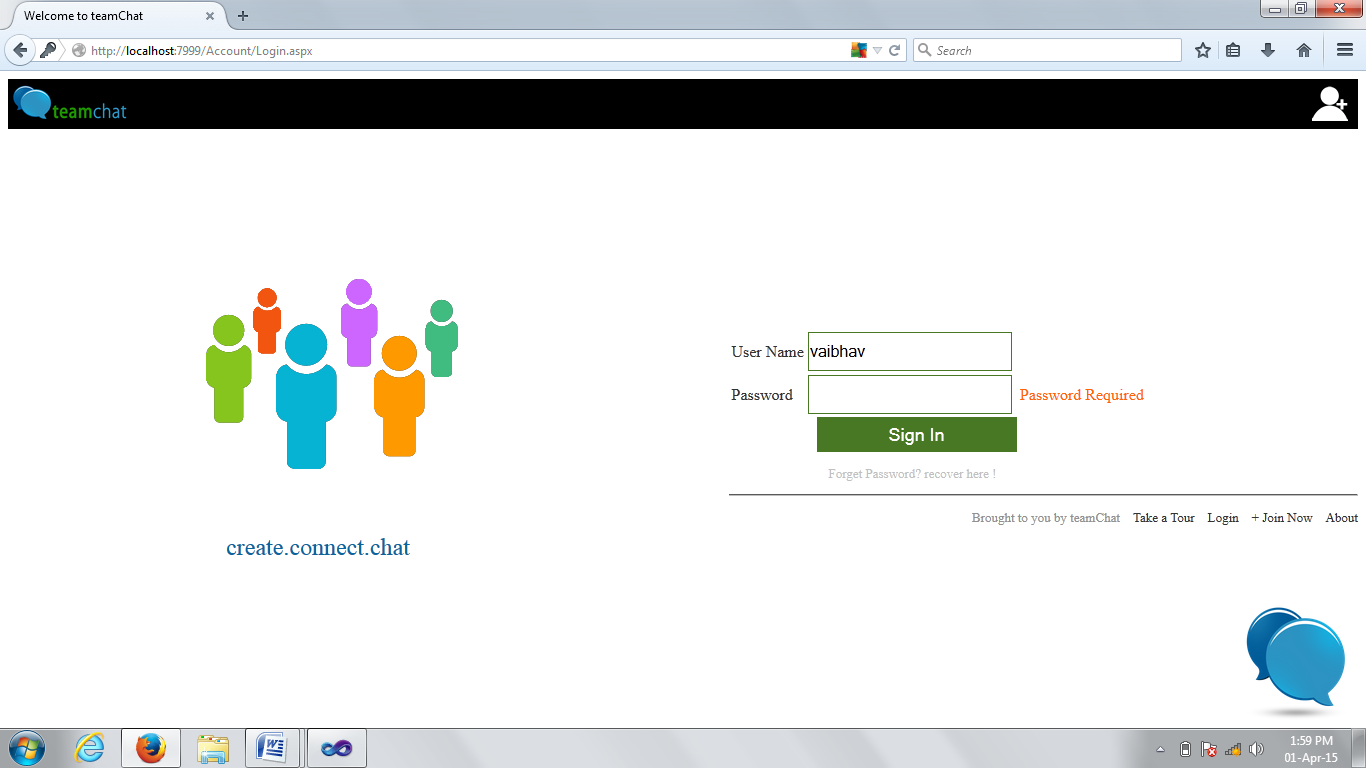




**Login**:

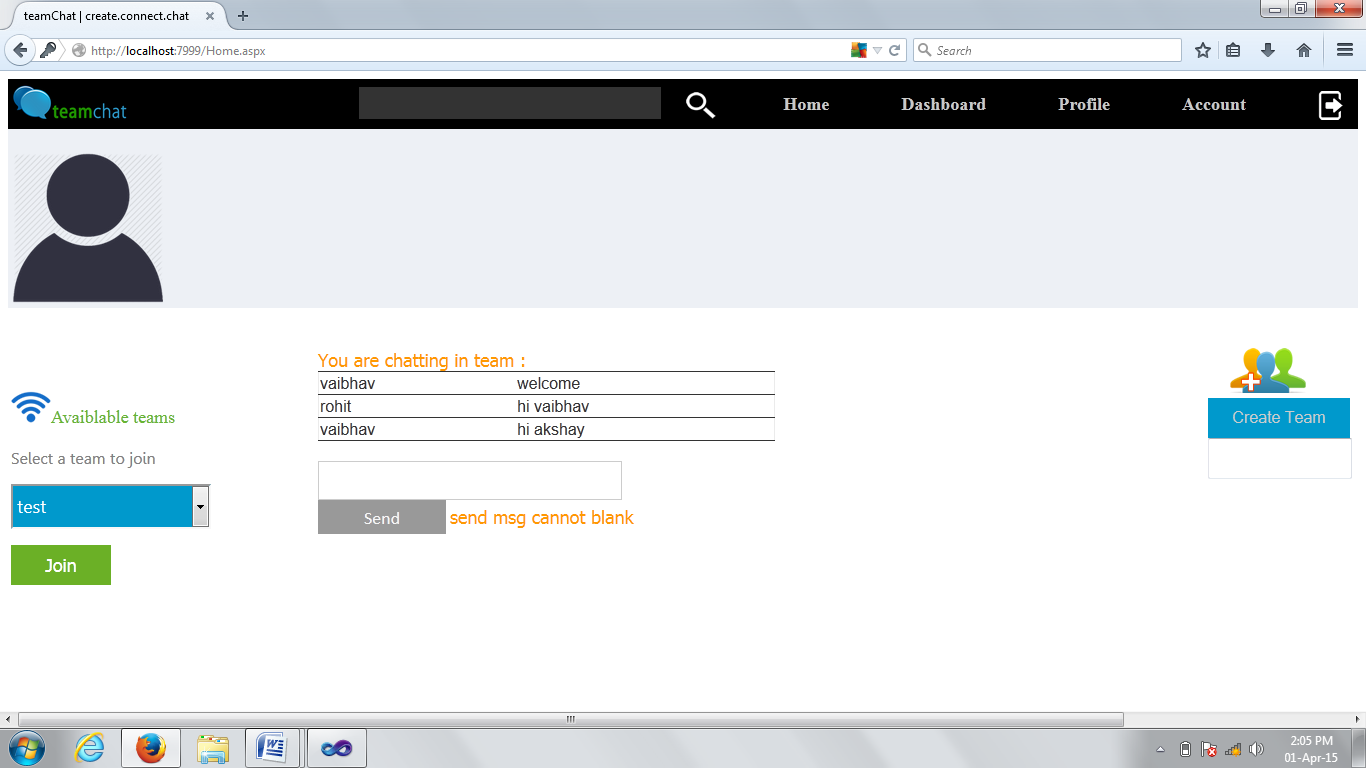
|  |  |  |
| --- | --- | --- |
| **Component** | **Test Data** | **Test Result** |
| Username | Not blank field | Enter a name |
| Password | Not blank field | Enter password |

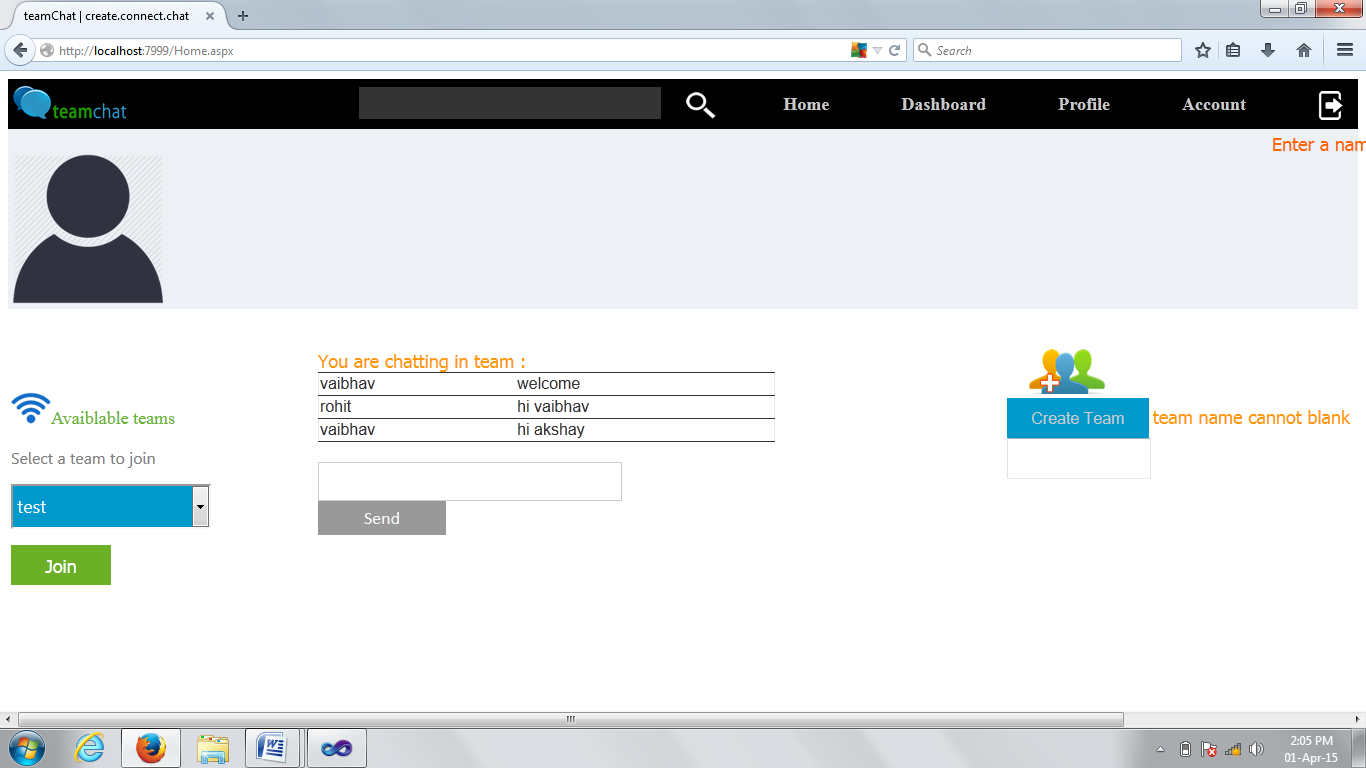




**3.Home**:

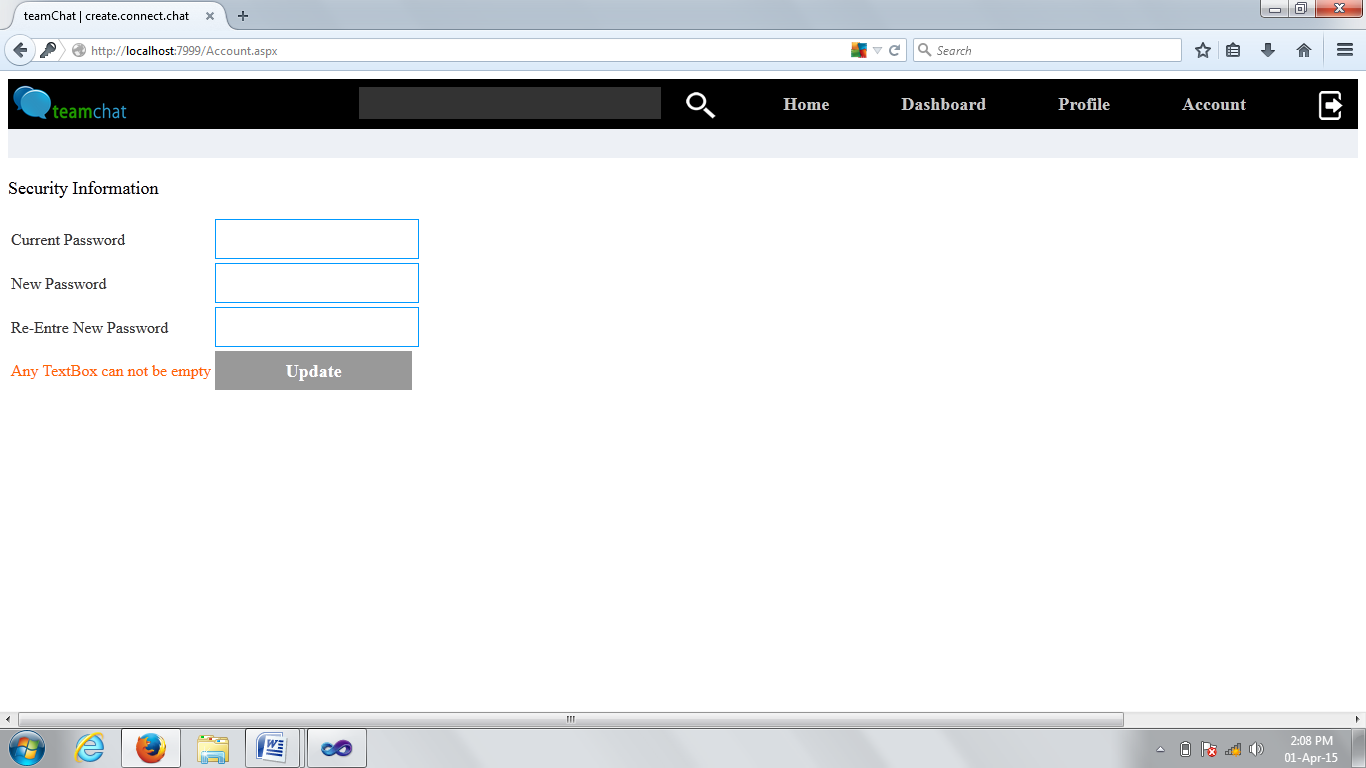
|  |  |  |
| --- | --- | --- |
| **Component** | **Test Data** | **Test Result** |
| Message | Not blank field | Sent message cannot blank |
| Team Name | Not blank field | Team name cannot blank |

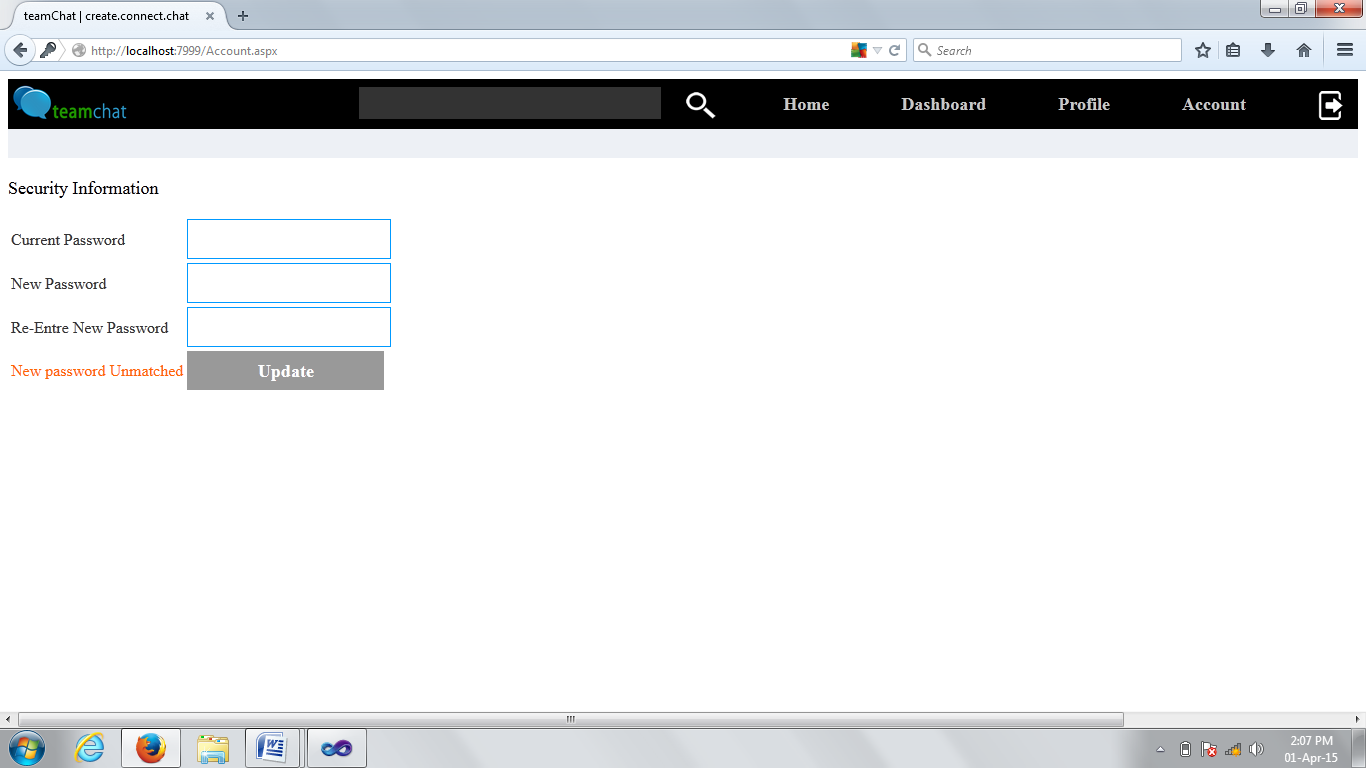




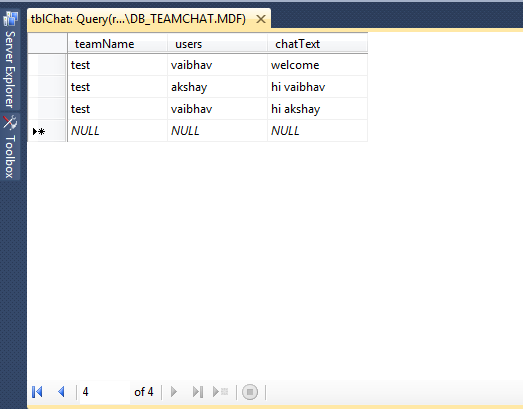
**4.Account**:

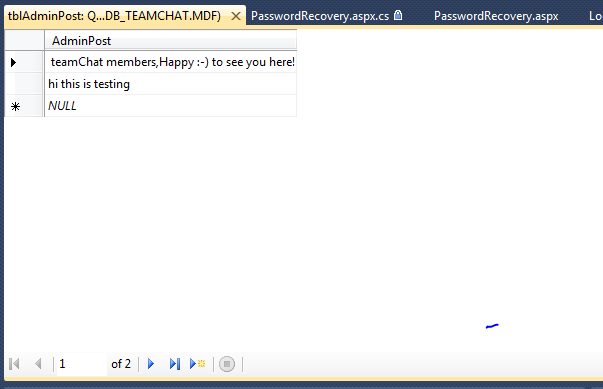
|  |  |  |
| --- | --- | --- |
| **Component** | **Test Data** | **Test Result** |
| Current Password | Cannot be blank | Any text box cannot be empty |
| New Password | Cannot be blank | Any text box cannot be empty |
| Re-enter new password | Should be same | New password unchanged |

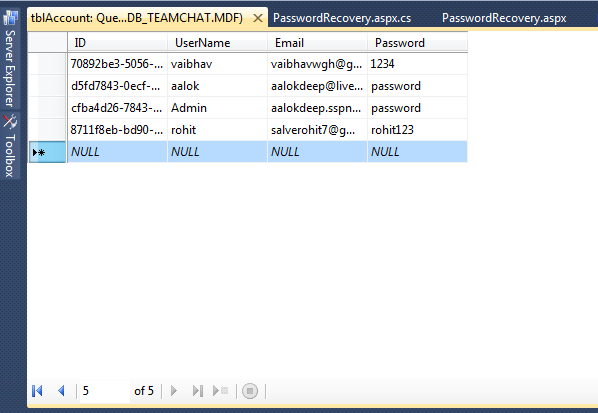


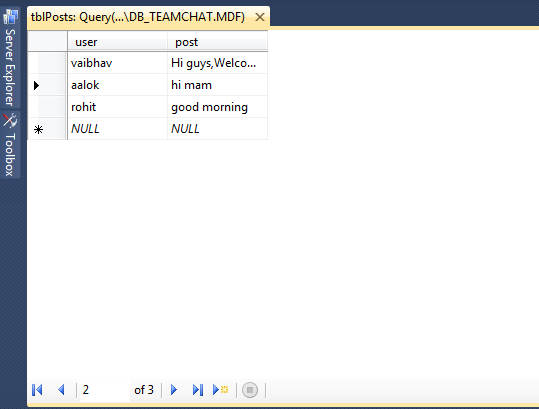


**12. REPORT LAYOUT**









**FUTURE ENHANCEMENTS**

* Improvement in search results to display all details of present users.
* Security enhancement for user login and password recovery.
* Adding voice over internet protocol (VoIP) service.
* Adding video calling and conferencing services.
* Adding more user details like images locations etc.
* Modifications in the GUI of application.

**13 Reference Bibliography and Websites Used**

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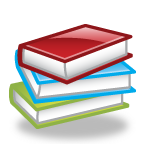
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